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SUMMARY OF SYNOPTIC METEOROLOGICAL

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ENTRAL AMERICAN COASTAL MARINE AREAS,

**VOLUME 2.** 

WEST COAST.

AREA 6 - MANZANILLO SE A AREA 7 - ACAPULCO SOUTH. AREA 8 - GULF OF TEHUANTEPEC,

GUATEMALA SW COAST, NICARAGUA SW COAST, PUNTA BURICA AREA 10 - AREA 11 - PAREA 11 - PA

PREPARED BY

NAVAL OCEANOGRAPHY COMMAND DETACHMENT, ASHEVILLE, N.C.

PREPARED FOR

COMMANDER, NAVAL OCEANOGRAPHY COMMAND NSTL STATION, BAY ST. LOUIS, MS 39529

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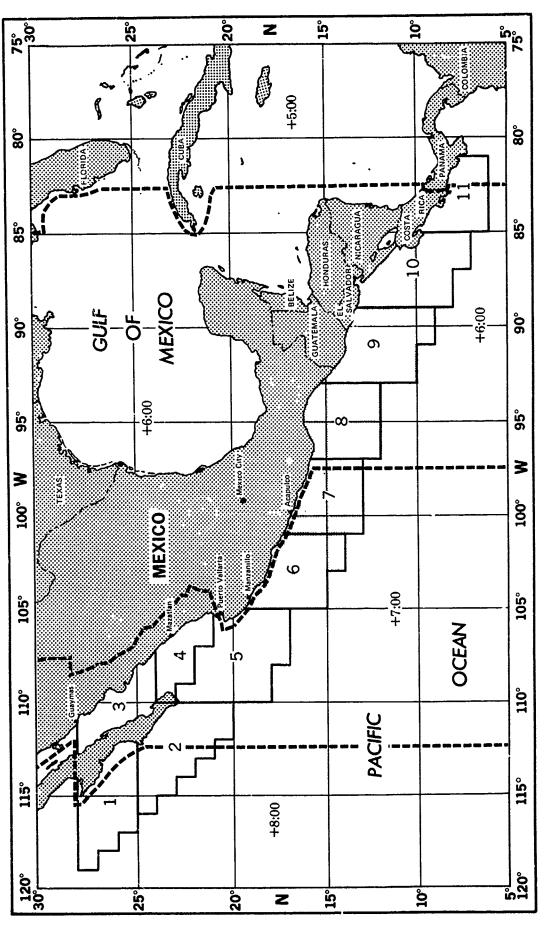
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BSERVATIONS

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CENTRAL AMERICA COASTAL SSMO AREAS AND STANDARD TIME ZONES - WEST COAST Shaded areas are included in this volume

A list of the area names and their central locations appears on the inside back cover

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

This report presents marine climatological data for specific coastal areas in 21 different tables including weather occurrence, wind direction and speed, cloud amount, ceiling height, visibility, precipitation, dry bulb, relative humidity, air-sea temperature difference, sea height and period, sea surface temperature and sea level pressure

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## SUMMARY OF SYNOPTIC METEOROLOGICAL OBSERVATIONS (SSMO)

CENTRAL AMERICAN COASTAL MARINE AREAS WEST COAST

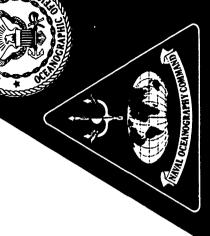
VOLUME 2

AREA 6 - MANZANILLO SE AREA 7 - ACAPULCO SOUTH AREA 8 - GULF OF TEHUANTEPEC

AREA 10 - GUATEMALA SW COAST AREA 10 - NICARAGUA SW COAST AREA 11 - PUNTA BURICA

NAVAL OCEANOGRAPHY COMMAND DETACHMENT, ASHEVILLE, N.C. PREPARED BY

COMMANDER, NAVAL OCEANOGRAPHY COMMAND NSTL STATION, BAY ST. LOUIS MS 39529 PREPARED FOR



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# SUMMARY OF SYNOPTIC METEOROLOGICAL OBSERVATIONS (MONTHLY AND ANNUAL)

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The SSMO series of coastal marine summaries is managed and produced by the Naval Oceanography Command Detachment, Asheville, N. C. for the Commander, Naval Oceanography Command. A list of published SSMO's is contained in the catalogue part of the "Guide to Standard Weather Summaries and Climatic Services", NAVAIR 50-1C-534.

The data summarized in the following tables were obtained from Tape Data Family 11 (TDF-11) Marine Surface Observations. The development and maintenance of TDF-11 was primarily funded by the Naval Oceanography Command. The source of these marine surface observations was punched cards of weather observations taken aboard vessels of varying registry. These observations were recorded on magnetic tape in a common format. Elements not in WMO code were converted to this code where possible. Where this was not possible, the original data were retained within the tape record as supplemental data. A very limited quality control was attempted as the punched cards were converted to taped records and, where possible, missing psychrometric data were computed.

Before the tables are prepared, extreme values of selected parameters are scrutinized so that obvious errors can be excluded. This method is necessarily subjective since the only available record of many observations is the punched card from which the tape records were prepared. Frequently there

is no concrete evidence to prove or disprove the validity of questionable data.

Also, it should be noted that these data are based upon observations made by ships in passage. Such ships tend to avoid bad weather when possible, thus biasing the data file toward good weather samples.

Because the number of observations may vary from one table to the other, no absolute relationship exists between the tables. As an example, air temperature counts for Tables 13 and 17 may not be identical since only observations containing both air temperature and relative humidity were counted in Table 13 and only those with both temperature and air-sea temperature difference were counted in Table 17. No requirement for simultaneous recording of all elements was made.

The primary period of record is that period (extending back in time from the most recent data) during which eighty percent of the total number of observations were recorded. The overall period is the earliest to the latest observed data used in compiling the tables. Tables 18 and 19 were tabulated from selected decks only and the overall period indicates the period of record of this data source. The primary period for these tables is not shown.

### THE LABLES

Percentage frequencies are computed to hundredths and rounded to tenths. An asterisk (\*) indicates percentage frequency > 0 and < .05. A value followed by a plus sign indicates greater than or equal to that value (8+ means 8 or greater). NH = low cloud amount (or middle cloud amount when low clouds are not present). The hours given in this publication are GMT.

The geographic position shown on the tables is the central position (centroid) of the observations within the area.

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This value may fall outside irregular areas.

Annual values are computed on the basis of the sum of the monthlies divided by the number of monthls.

Tables I through 19 appear in numerical order for each month, with the annual tables appearing after the tables for December. Table, 27 and 21 appear at the end of the entire series, after the annual summary for Table 19. The series of summaries appear in numerical order by area number.

THE STATE OF THE S

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Table 1 - Percentage Frequency of Weather Occurrence by Wind Direction (8 pts.).

Table 2 - Percentage Frequency of Weather Occurrence by Hour (GMT).

Table 3 - Percentage Frequency of Wind Direction (8 pts.) by Speed and by Hour (GMT). This table includes mean wind speed (kts.) by direction (8 pts.).

Table 3A - Percentage Frequency of Wind Direction (8 pts.) by Speed and by Hour (GMT). This table includes mean wind speed (kts.) by direction.

Table 4 - Percentage Frequency of Wind Speed by Hour (GMT). This table includes mean speed by hour.

Table 5 - Percentage Frequency of Total Cloud Amount (Oktas) by Wind Direction (8 pts.). This table includes mean cloud amount by Wind direction.

Table 6 - Percentage Frequency of Ceiling Heights (feet, NH > 4/8) and Occurrence of NH <5/8 by Wind Direction (8 pts.).

Table 7 - Cumulative Percentage Frequency of Occurrence of Ceiling Height (feet, NH > 4/8) and Visibility (Nautical Miles).

Table 7A - Percentage Frequency of Low Cloud Amount (or Middle Cloud Amount if Low Clouds are not present), and Percentage Frequency of Sky Obscured. Amounts are in Oktas.

Table 8 - Percentage Frequency of Wind Direction (8 pts.) vs. Occurrence or Non-Occurrence of Precipitation at Observation Time with Varying Values of Visibility (Nautical Miles).

Table 9 - Percentage Frequency of Wind Direction (8 pts.) vs. Wind Speed (kts.) with Varying Values of Visibility (Nautical Miles).

Table 10 - Percentage Frequency of Celling Heights (feet, NH > 4/8) and Occurrence of NH <5/8 by Hour (GMT).

Table 11 - Percentage Frequency of Visibility (Nautical Miles) by Hour (GMT).

Table 12 - Cumulative Percentage Frequency of Ranges of Visibility (Nautical Miles) and Ceiling Height (feet, NH > 4/8) by Hour (GMT).

Table 13 - Percentage Frequency of Relative Humidity (%) by Air Temperature (° F.).

Table 14 - Percentage Frequency of Wind Direction (8 pts.) by Air Temperature (° F.).

Table 15 - Means, Extremes, and Percentiles of Air Temperature (\* F.) by Hour (GMT). Extreme temperatures are the one maximum and one minimum value appearing in the marine data file. The Extremes may be unrepresentative due to sampling errors. Extrapolation from the percentile values usually gives a better estimate of expected extreme conditions.

Table 16 - Percentage Frequency of Relative Humidity (%) by Hour (GMT).

Table 17 - Percentage Frequency of Air Temperature (\*F.) and the Occurrence of Fog vs. Air-Sea Temperature Difference (\*F.).

Air-Sea Temperature Difference is:

Positive when the air is warmer than the sea surface; Negative when the air is cooler than the sea surface. In the table heading, the limits of the temperature ranges appear in a vertical arrangement along the top of the table.

Table 18 - Percentage Frequency of Surface Wind Speed (kts.) and Direction (8 pts.) vs. Sea Height (feet). Source deck 128 for which data are available from mid-1963 was used for these tables. This deck represents the latest and most complete homogeneous source of wave data available. Here, only sea waves generated by local winds in the vicinity of the observer are summarized.

of the two is used. If both are the same height, the longer period is chosen. When only one of the wave groups is observed, either sea or swell, it is used in the summary. Swell waves are those generated by winds distant from the local area where the observation is taken. Table 19 - Percentage Frequency of Wave Height (feet) vs. Wave Period (seconds). In this table when both sea and waves are present in an observation, the higher swell

Table 20 - Monthly and Annual Percentage Frequencies and Means of Sea Surface Temperature (° F.).

- Monthly and Annual Sea Level Pressures This table includes means by hour and for all

hours, extreme values and percentile values.

Table 21 (millibars).

Tables 1-19 appear together for each month and in the annual summary. The following two tables appear at the end of the entire séries for each area.

In this volume, percentage frequencies at specified hours of the day refer to percentages of observations taken at all hours, Data at adjacent hours are summarized with data at synoptic hours, i.e., data from 02 and 04 GMT are combined with data from 03 GMT. Note:

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CONTENTS

GULF OF TEHUANTEPEC GUATEMALA SW COAST NICARGUA SW COAST PUNTA BURICA ACAPULCO SOUTH MANZANILLO SE NAME

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### DIRECTION AND WEATHER CODES

PRESENT WEATHER (1960 WWO CODE 4677)	CODE INTERPRETATION CODE INTERPRETATION	58-59 10-12 FOG (WITHOUT 60-65 PRECIPIT'TION)	97 0°F)	80-82, (83-84) RAIN SHOWERS 04-05 SHOKE 17 TEMP '-40°F) RAIN SHOKE 60-55, 58-59 DRIZZLE	56-57) FREEZING 06-09 BLOWING DUST 66-67) PRECIPITATION 30-39 BLOWING SNOW	70-75,85-86 (68-69,83-84, 95,97 IF TEMP SNOW 14-16 WEATHER AT 410°F) OB TIME	76-79 OTHER FROZEN 76-79 PRECIPITATION ANAMA NO PRECIPITATION	87-90 AT OB TIME 93-94 HAIL PRECIPITATION	13,17 THUNDER 19,29 LIGHTNING 95-99 THUNDERSTORM 20-27	NOTE: The following WMO codes were counted in two wather categories, 58-59 (rain and drizzle); 68-69 (rain and snow); 93-94 (rain and hail); 96 and 99 (hail and thunder/lightning/thunder-storm); 95 and 97 (snow and thunder/lightning/thunderstorm), or (rain and thunder/lightning/thunderstorm).
VISIBILITY (VV)	INTERPREMATION CODE (NAUTICAL MILES)		94 1/2 <w<1< th=""><th>95 12VV&lt;2</th><th>96 2&lt;^\/&lt;5</th><th>97 5</th><th>98 10≤VV&lt;25</th><th>99 VV≥25</th><th>NOTE: <pre></pre></th><th>greater than or equalto.</th></w<1<>	95 12VV<2	96 2<^\/<5	97 5	98 10≤VV<25	99 VV≥25	NOTE: <pre></pre>	greater than or equalto.
CONVERSION OF WIND AND WAVE DIRECTION TO 8 POINTS	A reduced bias system was employed in converting wind and wave directions to	opposite the service and service at the service of	decimal quantities are remaded to whole numbers for presentation as "observational counts" in the tables. Figures 1-4 below	show the 8 point system with other systems be proprimposed.  Note: Bocause of rounding, sub-total sums of 'observation counts' may not equal grand totals.	シングラ ス・かいか		m x	Fig 1. The 8 point 112. The 18 point direction direction system.  System superimposed on the 8 point system.		Fig. The 32 point direction Fig. 4. The 35 point direction system superimposed on the 8 point system, on the 8 point system.

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WAVE HEIGHT (from source decks 128 and 116)

AS RECORDED IN TABULATION (FEET)		49-60			61-70				71-86			\ 1×87	
RANGE (METERS)	>14.75 to 15.25 >15.25 to 15.75	2 2 2		>18.25 to 18.75 >18.75 to 19.25	£ £	20.75 to 21.25	21.25 to	21.75 to 22.25 to	22.75 23.25	24.25 to 24.75 to	25.25 to 25.75 to	>26.25 to 49.75}	Indeterminate=INDET
RECORDED CODE (HALF NETERS)	330					4.4.	43 >	44 45 4	^ ^ ^		51 × ×	53-99 >	Indeterm
AS RECORDED IN TABULATION (FEET)	20-22		23-25	26-32			33-40			41-48			
RANGE (METERS)	>5.75 to 6.25 >6.25 to 6.75	\$	>7.25 to 7.75	>7.75 to 8.25 >8.25 to 8.75 >8.75 to 9.25	9.25 to	t 0	>10.75 to 11.25	to	t t	>13.25 to 13.75	to		
RECORDED CODE (HALF METERS)	13	<del>7</del>	15	16 17 18	19		2 52			222			
AS RECORDED IN TABULATION (FEET)	, 1	1-2	3-4	5-6	7	တ 1 8		10-11	12	0 *	97-57	17-19	
RANGE (METERS)	<.25}	>.25 to .75	>.75 to 1.25	>1.25 to 1.75}	>1.75 to 2.25}	>2.25 to 2.75}		>2.75 to 3.25}	>3.25 to 3.75}	>3.75 to 4.25)	>4.25 to 4.75	>4.75 to 5.25 >5.25 to 5.75	
RECORDED CODE (HALF METERS)	00	01	02	03	0.4	05		90	07	08	60	11	

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PERIOD: (PPIMADY) 1953-1979 (OVER-ALL) 1861-1979

TABLE 1

BEOFFET	EBERNIELEV	~6	F 4 T F D	*************************	 - 74 5	OTDECTTON.

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			,	RECIPI	14115	A ITPE					CIHES	-[ AIH[ P	PHENC	ME #4	
HAC DIR	PAIN	SHER	DRZL	FAZG PCPN	SAGL	OTHER FRZN PCPN	PAIL	SE TIME	PCPL PAST MOUR	THOR L THS	F06 +0 +(+1	FOG MO PCPN PAST HR	5#C#(		
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NE.	2.5	.4	. 6	٠.	.0	.c		3.8	1.C	.7	3.	.5		-0	94.2
ε	1.1	. 5	. 6	.0	٠.	.0	.c	2.1	1.5	. 7	. 1		. 7	.2	94.6
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\$	1.1	.0	. 4	.3		.0	.0	1.1	-c	.0		-0			**.:
5.		.:			.0		.0		. ė	. :		.0	1.0		97.4
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### TABLE 2

### PERCENT FREQUENCY OF ACATHER CCCUPRENCE BY HOLD

			•	4{C:PI	14110	4 11PE					01-59	#[#1#[#	PHEND	PESA	
HOUR (GPT)	•41.	SHER	DPZL	FRZG PCP4	540h	CTHER FRZN PCPN	HAIL	PCPN AT OB TIPE	PCPS PAST MOUP	1408 L 145	F35 60 PCP4	FOF WO PERN PAST HR	SPCAE HAZE	SPRET PLWG DUST PLWG 1900	516 514
00E03 06EC9 17E15 18E21	.7	.1 .1 .2 .1	.3 .2 .1	.0	3. c. 2.	.c	.0 .c	1.0 1.2	.3	.1 .6 .7	.c .2 .3	.0	.7 1.0 .7	.0	\$8.5 \$6.5 \$6.5 \$7.7
101 PC1 101 CBS:	.7 7878	.1	•2	.5	-:	-5	•	1-0	.4	•3	-1		.,	•	<b>47.</b> -

### TABLE 3

### PERCENTAGE PRECUENCY OF MINE DIRECTION BY SPEED AND BY HOLD

		-11	SPE	EC IKS	757								HISPE	(5-1)			
PED DIS	0+3	4-10	11-21	22-23	34+47		TOTAL	PCI	*E 44	00	23	96	~	12	15	18	21
							085	LBEC	190								
•	3-1	*.3	1.8	. 1	.:	.5		13.3	4.8	7.4	4.5	13.1	7.4	34.5	17-3	15.0	11.1
ME	1.3	••1	. 7	•		-0		4.1	4.5	2.5	1.7	3.0	2.4	4.2	7.3	2.9	4.6
٤	1.6	•.0	. •	- 1	•	-0		6.6	4.8	3.4	3.0	• . 1	3.1	5.3	10.1	11.t	23.2
SF	. •	2.5	- 5	- 1	-0	-0		4.4	6.7	3.5	1.3	2.9	4.9	3.7	3.0	7.1	7.3
S	. •	7.5	. 1	.0	.:	.0		3.0	5.2	4.7	3.1	2.4	4.7	1.0	1.3	3.5	3.4
58	1.2	3.0	.2	•	.0	.:		4.4	5.3	10-5	5.9	3.1	7.4	1.5	1.4	2.7	• . 3
-	3.2	14.4	3.3	-1	•	.0		21.C	7.3	35-2	29.4	22.5	32.1	13-7	14.4	12.7	20.7
24	3.7	14.7	5.5	• 2	•	.0		26-1	7.4	25-6	31.4	24.5	20.3	28.7	33.7	23.4	24.1
Y A P	.5		.:	.:	.c	٠.		٠.	.0	.:	-0	.0	٠.	5	-0	.:	• • •
CALM	13.1							13-1	٠.	7.3	15.6	13-6	4.7	17.4	13.3	14.5	4
TOT 085	2372	4692	1053	52	•	0	9172		4.2	1264	143	1834	105	1783	232	2077	117
TOT PCT	24.0	57.4	12.4	. 5	•	.0		103.0		100.0	105-6	130.0	100.0	100.0	100.0	100.0	16^.0

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E	4.0	2.3	. 3	•	٠.		4.4		2.5	4.0	4.7	21.7
\$6	2.6	1.6	- 1	•				4.7	3.3	3.0	3.4	7.1
3	2.2			٠.			3.0	5-2	4.5	2.4	1.4	3.5
Sw	3.3	1.0		•	-5		4.4	5-3	1.4	3.4	1.5	2.4
¥	11-1	4.3		- 1	-5		21.0	7.3	34.7	23.0	13.0	13.1
**	13.2	11.6	1-1	-1	-0		28-1	7.4	26.0	34.1	29.3	73.4
+48	.5			.0	.c		.0	.2	-6		.5	
CALF	13-1						13-1	-0	3.0	13.3	14.7	14.4
101 CPS	4947	2951	204	15	9	4172		5.2	2974	1939	7315	2194
ICI PET	41-1	36-2	2-6	-2			100.0		100.0	105.0	102.5	100.0

P(PICO: (PRIMARY, 1953-1979 (CVER-ALL) 1861-1979

TABLE .

PERLENTAGE EREQUENCY OF MIND SPEED BY HOUR COM'S

				LIND	SPEEC 6	eners:			PC1	1014:
⇔¢ve	CYFa	1-3	4-10			14-47				062
63663	4.C	:3.5	40.4	16.5	.•	-1	.:	7.1	160.0	2024
C+(C)	11.5	12-5	57.7	15.9		- 1	.5	6.7	103.6	1939
17615	14.7	14.6	56.4	4.4		.5	.:	5.4	100.0	2015
14621	14.4	26.6	55.2	4.5	.5	•		5.4	100.0	7250
101	1072	1500	***1	1053	52		ŧ	4.2		6172
PC1	13.1	15.5	57.4	12.4	-4	•	-0		100.0	

	TAPLE <										74	PLE 5						
•	C1 4#E			(LC( <i>b</i> 4		tE 15~1+51							CEILIN Se CS/					
*/0 015	\$ <b>-</b> \$	3	4-2	e E cescr	TCTAL OFS	COXER CFOP3 -EV	202 144	150	300	422	1000	3000	3500	5000	6100 7000	•505•	4m (5/# #47 mg1	
	7.5	2.7	2.5	.7		2-6	•	٠.	-1	. 3	.5		-2	-1	-1		11.9	
S.E	3.0	1.3	1.:			3.1	•		•	-1	.2	• 2	. 1	•		•	5.4	
i	2.4	1.5	1.5			3.3			•	.1				-1	•	٠.	4.4	
38	2.1	1.1	1.3			3.1	•	•		. 1	.2	.2	.;	•	.0	.0	3.8	
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3-	2.7	1.0				2.4	.:		.0	. 1	. 1	- 3	- 1	•		•	3.4	
•	12.4	4.7	3.0			2.3	•	•	-1	. 3	.5	- 3		-5		- 1	14.4	
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CAL		2.5	2.5			2.2	•	•	- 1	- 1		. 3	- 3	-0	•	-1	11.9	
107 085	35-7	1284	1265	304	4201	2.6	7	5	22	*5	235	145	4.3	20	14	23	5543	4201
101 PC1	57.3	25.7	17.		170.0		- 1	- 1		1.5	3.4	2.3	1.3	.5	- 3	. 3		100.0

148LE 7

CUMULATIVE	PC: FRE.	OF SIMULTANGOUS	000URFE%0
CF CEILIN	S HEIGHT	15H 34/81 450 E	ET (%*)

						#547 EN	,			
	CE	IL INS	: :=	= C+	: 04	: 50	= 02	= 6#	: 60	: (*
		££11	>10	>5	>2	>1	>1/2	>1/4	>5010	>0
:	50	>6502		٠.	-4				-6	
:	CF	35400	1.0	1-1	1-1	3.2	1-1	1.1	1.1	1.1
:	*	>3500	2.3	2.4	2.0	2.4	2.0	2.4	2.4	2.4
:	CR	>2500	4.6	4.7	4.7	4.7	4.7	4.7	4.7	4.7
ż	C#	22214	0.2	8.5	4.4	1.4	1.4	4.4	1.4	1.6
:	C.R	3622	9.5	1C.C	16.1	10-1	10.1	10.1	10.1	10-1
:	28	>*==	4.7	10.3	10.4	12.5	10.5	10.5	12.5	10.5
:	63	>150	8.6	15.4	10.5	10.5	10-5	10.5	10.5	10.5
		> 5	1.1	10.4	13.4	10.4	10.4	15.4	15.4	10.7
		:0141	4.32	671	674	144	844	474	600	405

TETAL NUMBER OF CAST 4431

TEBLE TE

### PERCENTAGE FACE OF LOW CLOUDS SELECTIONS

: : 31.7 24.2 15.7 11.2 4.4 7.4 7.5 2.7 2.

	0.001	12.1	0.	1.85	1*12	** "	0.8	***	1.0	1.9	2 * £ t	104 10	
3987												290 10	1
	6.29	15.0	0*	6*92	\$002	2.4	8.5	2.0	5.8	8.5	15.6	1 101	
	\$		ŏ.		1.	٥٠	0.	•	•	•	1.	•22	
	2.21		ā*	4.5	3.2	1.	t.		1.	۶.	1.1	11-51	
	5.55		٥٠	18.0	0.01	6.5	6*1	8 * Z	0.4	0.4	8.7	01-4	+01
	1.15	15.6	ç.	5.3	3.0	5.1	8.	6.	9*1	5.1	1.5	£-0	
	5*5	٠.	0.	6.	9.	1.	1.	۲٠	٤.	۲٠	5.	t 101	
	۲۰		٥.	1.	•	•	o.	•	•	•	•	•22	
	1.		0.	ι.	2.	•	•	•	1.	1.	1.	12-11	
	1.1		٥.	9.	**	1.	1.	1.	1.	1.	٤.	01-5	0125
	٤٠	٠.	٥.	۶.	1.	•	•	1.	1.	•	1.	2-0	
	٤٠	•	0*	1.	•	0*	8*	•	•	•	•	\$ 101	
	•		ů.	•	•	٥.	3.	0,	٥.	٥.	•	\$\$\$	
	1.		0.	•	٥.	٥.	0.	•	•	•		11+51	
	1.		G.	1.	•	0.	0.	•	0.	•		GI-+	5>2
	t •	•	0.	•	•	٥.	0.	0.	٥٠	0.	٥.	£-0	
	۶٠	٥.	٥.	•	•	0.	•	•	•	•	•	1 101	
	0.		0.	٥.	٥.	0.	٥.	0.	٥.	٥٠	0.	•22	
	ι.		0.	•	•	0.	o.	•	•	٥.	0.	11-51	
	1.		٥.	•	•	ō.	•	•	٥.	•	•	J1-+	1 < 5
	•	э.	0.	٥.	٥.	٥-	3.	0.	•	0.	٥.	£-0	
	•	э•	0.	0.	٥٠	3.	9.	•	0.	٥٠	٥٠	1 101	
	0.		٥-	٥٠	٥.	٥.	c.	c.	3.	٥٠	0.	*22	
	. •		٥.	٥٠	٥.	0.	٥٠	٥.	٥.	٥٠	0.	11-51	
	•		٥.	٥٠	٥٠	٥.		•	٥.	٥٠	C.	31-+	1/2/1
	٥.	٥.	0.	٥.	0.	0.		٥.	٥.	٥٠	٥.	2-0	
	1.	٥٠	0.	1.				c.	٥٠	•	•	1 101	
	•		0.	٥.	c.	٥.	J	٥٠	0.	٥.	•	•22•	
	•		٥٠	•	0.	٥.	٥٠	0.	٥.	•	•	11-51	
	1.		٥.	•	•	6.	3.	c.	٥.	0.	•	31-4	5/1)
	•	٥٠	٥.	•	٥.	0.	٥.	c.	3.	٥.		£-0	
\$60							_	_	_			SIX	(HN)
JA 101	139	HJAD	947	MN	•	AS	s	35	3	34	٧	045	YAZV

MITH APPLIES OF AISIBILITY PERCENT FRED SPEED

6 37841

0.001 7.51 0. 1151 #. + 3. 7.29 S.S1 3. 1.39 S.S1 9. 101 \$ NO bCb bCb 475 NO PCP 101 £ (#H) AZBA

AREA DOD6 HANZANILLO SE 17.64 102.92

8 338AT

0161-19#1 (374-43A0) 6161-1616

794U/AL

JANUARY

PERIOD: (FRIMARY) 1953-1974 (GVER-ALL) 1861-1979

TABLE 10

AREA OODE HANZANILLO SE

PERCENT	FREQUENCY	OF	CFI	LING	HEIGH	15	CFEET.NH	24/83	ANC

					•	CUNNET		40 137		004			
HOUR (G=1)	149	150 295	300 599		1000 1999			5000 6499		\$000 <b>*</b>	TOTAL	NH (5/A ANY HGT	OBS
00603	.1	.1	. 3	1.4	3.9	2.6	1.5	.5	•2	. 3	11.0	60.0	1661
06809	• 1	•0	• 3	1.8	3.1	1.7	1.2	.6	. 3	. 5	9.6	90.4	1629
12616	- 1	.2	•6	1.4	4.4	2.2	1 - 3	. 3	.5	. 3	11.2	88.8	1584
16521	. 1	•C	•2	1.3	3.5	2.4	1.3	. 3	•2	.1	9.4	90.6	1014
TOT PCT	.1	, 1	. 3 . 3	98 1.5	249 3.7	149 2.2	96 1.3	28	20	21 • 3	687 10.3	6001 69.7	6655 100.3

				148LE 1	1						1481 E	12		
		PERCENT	FREQUEN	4CT VS97	(NH)	<b>84 HOR</b>		CUMUL # 1					4587 (NH)	
HOUR (G#1)	<1/2	1/4<1	1<2	2<5	5<10	10+	TOTAL	HOUR (GHT)	<150 <5010	<600 <1	<1000 <5	1000+ AND5+	AH <5/8 AND 5+	TOTAL
60603	•1	.0	.2	• 3	2.8	96.7	1969	00103	- 1	.5	2.0	9.4	88.6	1601
06609	. 1	-0	.2	.5	3.8	95.5	1975	06109	•1	. 4	2.5	7.4	90-0	1573
12615	.2	•	• 3	.3	4.3	94.8	2024	12615	• 1	. 9	5.6	9.1	88.3	1526
18521	-1	•0	•	. 1	3.5	96.3	2224	15621	• 1	. 3	2.7	*.2	90.1	1731
101 PC1	10 .1	1	15	22 • 3	295 3.6		8192 100.0	101 PC1	,1	3 <b>4</b> • 5	141 2.2	546 8.5	5742 89.3	6431 100.0

				1	ABLE 1	3									TABLE	14				
	PEPC	E41 FE	EQUEN	Y OF 9	ELATIV	E HUMI	CITY E	1 TEMP				PER	CENT FR	EQUENC	r OF WI	40 DI	RECTIO	N 8Y	TEMP	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	AG-89	90-100	TOTAL	PC T FREO	N	۸E	Ε	SE	s	SU	•	N	. VAR	CALM
95/99	.0	.,				.0	٠.	.0	1			.0	0	.0	.0	.0	.0			
90/94	, č					•	.1		35	. 6	- 1			•			. 2	• 2		.1
85/99	ĵ.					1.5	. 3	.1	261		.5			. 2	. 1	. 1	. 9	1.0		.5
80/84	.0			1.4	9.9	21.3	8.2	1.6	2674		4.6	2.5	3.0	2.3	1.6	2.5	9.7	11.3	0	5.1
75/79	.0				4.4	20.4	17.5	4.5	2987	47.5	7.0	3.0	2.9	1.7	1.0	1.5	9.3	14.5		6.6
70/74	•0		:	, .	.5	1.2	2.1	1.3	326	5.2	1.2	.5	4	- 1	•	- 1	. 7	1.0		.5
65/69	.0	.0				•	•	•	8	. 1	•		•	•0	.0	.0	.0	• 1	.0	•0
TOTAL	۵	1				2401	1774	475	6292	100.0										
PCT	٠.	•	•	2 2.7	16.5	44.5	28.2	7.5			13.5	6.3	6.7	4.4	2.8	4.2	20.8	78.5	5 .0	12.8
				TAB	LE 15										TABLE	16				
•	EANS,E	x TRE ME	'S AND	PFRCEN	TILES	OF 1EP	P (DEG	F) 8Y	HOUR			PEPC	ENT FRE	CUENCY	OF REL	ATIVE	HUMI	DITY (	SY HOUR	
HOUR (GMT)	MAX	991	951	501	51	12	PIN	MEAN T	OTAL		HOUR (GMI)	0-29	30-59	60-69	70-79	80-	89 90	-100	"EAR	TOTAL
00603	95	89	85	38	76	73	6.6	80.5	2035		00003	.0	3.4	23.6			4	4.4	75	1604
90360	50	84	82	7 6	74	70		75.3	2000		06809	.0	1.5	9.4	42.8		.6	9.7	79	1636
12615	90	6.3	61	7.6	73	70		77.4	2091		12615	• 0	1.3	6.9	41.8			12.3	80	1588
18221	93	59	35	61	75	72	64	80.6	2256		15231	• 6	5.3	26.4	44.9			4.0	74	1719
																		407	• • •	4647

JANLARY

PEPICO: (PRIMARY) 1953-1979 (OVER-ALL) 1861-1979 APER DOCK HANZANILLO SE 17.6% 102.9% TABLE 17 PCT FREG OF AIR TEMPERATURE (DEG F) AND THE OCCURRECCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F) 69 72 85 86 89 92 73 76 FOG .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .7 .1 1.4 .1 1.5 .1 2.0 .1 1.7 .1 2.0 .1 1.9 .1 ••••••••••••••••• 

PERIOD: (OVER-ALL) 1963-1979

TABLE 18

				PC	T FRED C	F WINC	SPEED	1KTS) AND DIR	ECTION V	EPSUS S	EA HEIG	HTS (FT)	)		
											48				
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	9-10	11-21	22-33	34-47	48+	PCT	
(1	1.3	2.0			.0	.0	3.3	•.6		··· ;;		0.	•0	2.3	
1-2	1.1	5.1	. 8	.0	.0	•0	6.9	.5		. 3		.0		3.2	
3-4	.1	1.1	1.0	.0	. 0		2.1	•0		. 3	.0	2.	.0	1.0	
5-6	. 1	. 3	. 3	• 1	• C	•0	. 7			.1	.1	9.0	.0	3	
7	.0	- 1	-0	. 1	.0	.0	.2	.0	0	• 1	.0	• 0	.0	·i	
8-9	.c	.0	.0	.0	.0	.0	. 5	.0	0	.0	•0	3.	.0	•0	
10-11	.0	٠.	• C	.0	.0	.0	.0			.0	.0	• C	.0	•0	
12	٠.	•0	• C	•0	. 0	.0	.0	٠,٠		• 0	-0	• 0	.0	• 0	
13-16	.0	•0	•0	.0	• 0	.0	.0	.0		.0	.0		.0	• 5	
17-19	.0	.0	•0	•0	. 9	.0	.0	.0		•0	-0	•0	-0	•0	
20-22	.0	•0	•0	•0	•8	+0	-0	٠.		•C	.0	•0	-0	.0	
23-25	·c	-0	-0	.0	•0	.0	.0	.0		•0	-0	.0	•0	•0	
26-32	.0	-¢	•0	•0	•9	•0	.0	-0		-0	•0	• C	•0	•0	
33-40	•0	•0	.0	•0	• C	•0	.0	.0		.0	.0	.0	-0	•0	
41-48	.0	•0	.0	•0	•0	•3	•0	.9		3.	.0	•6	•0	•0	
49-60	•0	•0	.0	.0	• • •	-0	.0	• 0		•0	•0	.0	•0	•0	
61-70	•0	٠.	٠.	٠0	•0	•0	.0	•6		.0	٠0	• 0	•0	•0	
71-86 87+	.0	•0	• 6	.0	• 2	•0	•0	•6		• 0	.0	• 0	•0	•0	
TOT PCT	2.5	8.6	2.0	.0	.0	•0	0	1.3	.0	•0	•0	• 0	٠0	• 0	
101 PL1	2.5	0.0	2.0	• 1	• 0	•8	13.3	1	4.6		-1	•c	•0	6.8	
				€							SE				
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	<b>4-10</b>	11-21	22-33	34-67	44.	PCI	
<1	1.0	1.4	.0	•0	• 3	•6	2.4	.6	1.4	.0	.0	.0	•0	1.9	
1-2	.7	2.4	• 2	•0	•0	.0	3.2	.3		• ?	.0	•0	.5	1.7	
3-4	•0	. 9	•2	.0	• • •	•0	1.1	•0		. 3	.0	• 2	• •	.7	
5-6	- 1	• 1	• 1	•2	.0	•0	. 4	.0		•	•	• •	-0	. 1	
7	.0	.0	• 2	- 1	. 0	-0	. 3	•0		- 1	- 1	.0	.0	• 2	
8-9	•0	•0	.c	.0	.0	•0	.0	.0		.0	-0	٠.	.0	.0	
10-11	.0	.0	•0	•0	•0	• 0	•0	.0		-0	-0	• 1	•0	•0	
12	•0	•0	•0	•0	.0	•0	.0	•0		•0	• C	• •	•0	.0	
13-16	•0	.0	.0	•0	- 1	.0	. 1	.0		.0	٠.(	••	•0	•0	
17-19	.0	•0	•0	•0	.0	•0	.0	•0		•0		•6	.0	- 1	
2-22	•0	•0	-0	.0	•0	•0	.0	-0		٠,		3.	•0	•0	
23-25	•0	•0	.0	-0	•0	+0	.0	• 9		• 0	.0	• 0	.0	•0	
26-32	•0	•0	•0	•0	.0	•0	.0	.0		.0	.0	.0	-0	.0	
33-40	.0	•0	•0	.0	• 0	•0	.0	•9		.0	.0	• 0	•0	•0	
41-48 49-60	•0	•0	•0	•0	• 0	•0	•0	.9		•0	.0	٠0	•0	•0	
	.0	•0	.0	•0	•0	•0	.0	.0		•0	•0	•0	•0	-0	
61-70	٠0	•0	•0	•0	• 3	•0	•0	٠,		.0	.0	•0	•0	.0	
71-86 87+	•c	•0	•0	•0	• 2	•0	•0	•9		.0	•0		•0	• 0	
***	0	0	•c	•0	٠,	•0	.0	-9	.0	.0	•0	•6	•0	.0	

									JANUA	RY							
PER100:	FOAF	*-ALL)	1463-1	979				TABLE	18 (0	CNTS				APEA		MANZAN 6N 102	ILLO SE .9¥
				PC	1 FREQ 0	F NIND	SPEED	(KTS)	AND D	IRECT	TON !	VERSUS S	EA HEIG	615 (FT)			
461	1-3	4-10	11-21	\$ 22-33	34-47	44+	PCI			-3	4-10	11-21	22-23	34-47		PCT	
<1	• . ś	.4			. 3	.0	1.0			. 9	8.		.0	•0	.0	1.7	
1-2	- 1	1.4	.0	.0	.0	.0	1.4			. 4	1.5	.2	•0	• 0	•0	2.0	
3-4	·c	. 3	.0	•0	.0	•0	- 3			.0	. 3	•c	•0	• 0	.0	. 3	
5-6	.0	.0	. 1	.0	• •	•0	- 1			.с	•	. 1	-0	• 0	.0	-1	
7	•0	•0	.0	.0	• •	•0	• 0			.0	.0	.0	•0	•0	.0	.0	
8-9	•0	•0	.c	.0	•0	.0	•0			•0	.с	·r	٠c	•0	•0	•0	
10-11	.0	•0	.0	•0	• 2	•0	•0			•0	-0	2.	•0	? <b>.</b>	.0	-0	
13-16	.0	.0	.0	.0	.0	.0	•0			.c	.0	3.	.0	.0	.0	.0	
17-19	.0		ă.	.0						•0	.0	• 2	•0	•0			
23-22	.0	.0	Ċ	.0	.5					.0			.0				
23-25	.0	•6		.5	.c	.0	.0			.0	.0	٦.	.0	·è	.0		
26-32	.0	• 0	٠.	.0	•0		.0			.0	.0	.0	.0		.0	.0	
33-4C	.0	•0	. 5	.0	• ?	.0	٠.			.0	.c	٦.	.0	• 0	.0	.0	
41-46	.0	• C	•0	.0	.0	٠.	•¢			.0	.0	.0	.0	.0	• 0	•0	
49-60	.0	• 0	•0	.0	.c	•0	• 0			٠.	٠0	•0	•0	• 0	•0	.0	
61-70	• 0	•0	• 0	•C	• ^	.0	• 0			-0	.0	.0	•0	•0	•0	•0	
71-86	.0	•0	٠.	.0	.0	•0	٠.0			•0	.0	•0	.0	•0	-0	.0	
87* 101 PC1	.0	2.1	.c	.0	.0	.0	2.5			.0	.0	.0	•0	•0	.0	.0	
101 PC1	••	2.1	• 1	.0	• • •		2.5		•	• •	2.7	• •	.0	•0		4.1	
				_									NE				TOTAL
134	1-3	4-10	11-21	22-33	34-47	48+	PCI		1	-3	4-10	11-21	22-33	34-47	45.	PCT	PCT
<1	i.?	3.2			.0	.0	4.5			.,	4.2		.0	•0	•0	5.9	. •
1-2	1.1	7.1	1.4	.0		.0	9.1				11.4	1.7	.c	40	.0	14.5	
3-4	.7	247	. 9	.0	.0	.0	3.8			• 2	4.6	3.1	. 1	•0	•0	7.4	
5-6	.0	. 3	- 3	.0	•0	.0	.5			. U	. 3	. 7	.0	• 0	۰٥	1.3	
7	• 2	• • •	•0	•0	.0	.0	- 1			•C	- 1	.0	•6	+0	•0	. 1	
8-9	•c	٠.	•0	.0	• 5	.0	• 0			•0	.0	- 1	-1	•0	.0	- 1	
10-11	•C	.0	•6	•0	.5	.0	•0			•5	.0	•0	•¢	•6	-0	•0	
12 13-16	.0	.0	•0	•0	.0	.c	.0			•0		.0	.0	.0	•0	.c	
17-19	·:	.0		.0	.5		.0			.0	.0				.0		
20-22	ò			.0	.0	.č	.5			.0		:č	.0	·:		.0	
23-25				.0			.5			·c		iè.	.0		.3		
26-32	.0		.0		.0					.0		•0	.c	.0			
33-40	.c	٥.	• 0	• 0	.0	٥.	.0			•0	.0	.0	-0	.0	. 0	.0	
41-48	.0	.0	٠ċ	.0	.0	.c	.0			•0	.0	.0	.0	.0	•0	•0	
49-60	.0	.0	•0	•0	.0	٠.	.0			•8	•0	.0	.0	•0	•0	.0	
61-70	.c	• C	•0	•0	•0	.0	.0			•0	•0	•0	•0		•0	.0	
71-66	•0	.0	٠.	•0	.0	.0	.0			•0	٠.	.c	•0	•0	40	•0	
87.			0	•0	• • •	•0	0			•0		2.0	.0	:: ::	•0	29.1	
TOT PCT	2.5	13.5	2.7	•0	.0	.0	18.6		3	.3	20.0	5.6	• 2	• 6	٠0	24.1	R6.9

	WIND	SPEED	(KT\$)	VS SEA	HE IGHT	(FT)		
H61	0-3	4-10	11-21	55-23	34-47	48+	PCT	101 085
< 1	22.3	14.4	. 2	.0	.0	.0	37.1	
1-2	6.5	31.5	4.4	.0	.0	.0	42.4	
3 - 4	.5	9.9	5.6	. 1		• C	16.2	
5-6	. 1	0	1.6	. 3	.0	-0	3.1	
7	•0	• 3	. 3	• 2	-0	٠.	. 9	
8-9	.0	-0	- 1	. 1	٠.	.0	- 1	
10-11	.0	•0	.0	.0	.0	•0	.0	
12	.0		.0	.0	.0		.0	
13-16	.0	•0	-1	.0	. 1	-0	.1	
17-19	.0	•0	٠.	. 1	.0	. 0	- 1	
20-22	•0	• 0	.0	.0	-0	•0	.0	
23-25	.0	• 0		.0	.0	.0	.0	
26-32	.0	•0	•0	•0	.0	.0	.0	
33-46	• e	• 0	•0	.0	-0	-0	.0	
41-48	-0	•0	-0	.0	.0	.0	.0	
49-60	.0	•0	.0	.0	.0	٠.	•0	
61-70	.c	.0	.0	•0	.0	•0	.0	
71-86	•0	• 0	•0	.0	.0	.0	•0	
97.	•0	.0	• 6	.0	.0	•C	.0	
								1529
TOT PCT	29.4	57.6	12.2	. 8	- 1	٠.٥	100.0	

PEPIND: (0VER-ALL) 1949-1979 PC010D C1 1-2
(SCC1
C6 10. 25.5
6-7 .. 2.7
9-9 .1 1.1
10-11 .0 1.4
12-13 .0 .0
190CT 13.3 2.4
10744 1315 1791
PC1 24.4 33.2 8-9 10-11

.3 .1
.3 .1
.2 .1
.1 .0
.1 .0
.1 .0
.58 16 3067 787 286 151 81 27 1001 5600 100-0 3-4 15.4 6.5 1.8 .9 .9 .0 1.8 1468 27.2 5-6 3.9 3.5 1.3 .4 .3 .3 .8 563 .0 .1 .0 .0 .0 .0 .0 .0 .0 .1 -86 .8 1.1 .7 .1 .2 .1 .1 157 3.1 .0 .0 .0 .0 .0 .0 .0 .0 ......... 0000000000 0000000000 ......... 000000000 000000000 .0 .0 .0 .0 .0 .0 .0 .0 .2

PAGE 006

これが、これのことは、それからないのできないのできないというないできない。 まななないないないないないないないないないないない

FERRUARY

PERIOD- (PRIMARY) 1953-1979 (OVER-ALL) 1863-1979

TABLE 1

APE # 0006 MANZANILLO SE 17.6% 102.9% 

PERCENT FREQUENCY	0 F	MEATHER	OCCUPPENCE	ŧ۲	FIND	DIPECTION
-------------------	-----	---------	------------	----	------	-----------

				•					0500		41. 91-	20.104			
				RFCIPI	14110	N TYPE					01466	* WEFTHER	PHEND	#E44	
MMD DIB	RAIR	RAIN Sher	ORZL	FRZG PCPN	SNOR	GIHER FRZN PCPN	HAIL	PCPA AT OB TIME	PCPN PAST HOUR	IHDR I THG	FOG WO PCPN	FOG WO PCPN PASI HR	SMORE HAZE	SPRAV BLEG DUST BLEG SAGE	NO Sig ufa
N	.2	.2	.2	.0	.0	•0	.0	.6	.3	. 1	• 0	.0	.5	.0	94.5
۸E	1.2	. 5	. 3	.0	.0	.0	.0	2.0	.7	. 9		٠.	1.6	٦.	94.3
£	.3	.5	.0	.0	.0	.0	٠.	.9	. 3	٠.	.0	.0	1.9	-0	97.0
SE	.7	.0	.5	.c	.0	.0	.0	1.2	1.0	. 7	. 3	٥.	1.6	•e	95.6
Š	.0	• 2	• 2		.0		٠,	.5	1.0	.0	. 5	.0	1.4	•0	97.1
Sw	.3	.4	- 1	.0	.0	.0	.0	. 8	.4	-0	.1	.0	1.5	.0	96.€
		. 1	- 1	.0	.0	.0	.0	- 1	- 1	. 1	.1	.0	.5		99.1
NE	• 2		.1	.0	-0		.0	. 3	. 3	. 1	• 1	.0	.6		98.5
VAR	.0	.0	.0	.0	•0		-0	.0	•0	•0	٠.	.0	.0	.0	٠.٥
CALM	• 1	•1	.0	.0	.0	•0	•0	•2	.0	- 1	•¢	.0	1.5	•0	98.2
TOT PCT TOT 085:	.2 7426	-1	•1	٠.	•0	•0	•0	.5	. 3	. 1	• 1	.c	.9	•	98.1

### TABLE 2

### PERCENT FREQUENCY OF MEATHER OCCUPRENCE BY HOUR

			•	PRECIPI	TATIO	A TYPE					OTHER	WEATHER	PHEND	reha	
HOUR (GPT)	PAIN	FAIL SHER	CRZL	FRZG PCPN	SNOR	CTHER FRZN PCPN	HAIL	PCPA AT CB IIME	PCPN PAST HOUP	THOP LING	FOG BO PCPA	FCG WO PCPN PAST HP	SMOKE HAZE	BLWG DUST	
00603 06609 12615 18621	.1 .2 .3	•2 •1 •2	.1	.000	.0	.0	•0	.4	.2 .2 .3	•C •2 •4	.0	.0	.9 .4 1.1 1.1	.0 .1 .?	98.5 98.8 97.3 97.9
101 PC1	.2 7716	-1	- 1	.0	.0	-0	-0	.5	.2	-1	. 2	•0	. 9	•	98.1

### TABLE 3

### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		W 2 #	O SPE	ED EKNE	121								HOUR	(6-1)			
WND DIR	0-3	4-10	11-21	22-33	34-47	45+	TOTAL	PCT	MEAN	CO	03	C4	6.3	12	15	18	21
							CBS	FREQ	SPD								
N	2.3	7.7	1.4	.1	.0	.0		11.5	6.9	6.2	5.4	11.3	6.9	14.0	16.5	13.6	13.9
NE	1.0	3.2	. 3	•	•0	•0		4.5	5.9	2.2	1.1	2.8	2.4	6.0	6.8	6.7	5.8
E	1.3	2.6	. 3	.0	•c	•0		4.3	5.8	1.6	1.8	3.0	1.1	5.2	5.2	7.3	5.3
ŠE		2.9	. 4	•	•0	-0		4.0	6.4	3.1	3.2	2.5	1.6	3.4	3.9	6.8	6.0
5	.8	1.9	• 2	.0	.0	.0		2.6	5.6	4.7	1.1	1.7	4.3	1.4	2.3	3.3	7.9
Šw	1.3	3.0	• 3	.0	-0	.0		4.6	5.7	9.5	6.6	3.0	f.1	1.4	2.0	4.0	5.5
¥	3.4	16.5	5.3	. 1	•0	.0		25.8	8.0	40.4	36.9	24.4	34.6	17.5	17.0	14.7	20.4
NW	3.4	19.6	7.2	. 2		.0		30.5	8.5	26.2	34.4	36.9	36.4	32.9	36.3	25.8	24.6
VAR	.0	3.	٠.	.0	.0			.0	.0	.0	.0	.0	• 2	٠.	-0	.0	.0
CALM	11.0							11.9	.c	6.0	9.2	12.3	6.4	15.7	10.0	14.2	12.6
TOT OBS	2074	4584	1229	30	1	C	7918		6.6	1862	1 - 1	1742	94	1744	220	2002	113
TOT PCT	26.2	57.9	15.5		•	•0		100.0		100.0	100-0	100.0	100.0	163.0	100.0	100.0	100.0

TABLE 34

		#I%D	SPEED	(KNOTS)						HOU	1641	,
WAD DIE	0-6	7-16	17-27	28-40	41.	TOTAL	PCI	MEAN	ro	26	12	13
						085	FREG	SPD	6.2	09	15	21
N	6.5	4.7	. 3	•0	-0		11.5	6.9	6.1	11.0	15.1	13.6
NE	3.0	1.6		.0	.0		4.5	5.9	2.2	2.8	6.9	6.2
€	2.9	1.4	•	.0	.0		4.5	5.8	1.6	2.9	5.2	7.2
šE	2.4	1.6		•0	.0			6.4	3.1	2.5	3.5	6.8
Š	2.0	. 8		.0	.0		2	5.6	4.5	1.6	1.5	3.3
Šw	3.1	1.4					4.4	5.7	9.3	3.2	1.5	4.1
ú-	11.3	13.4	1.1		.5		25.6	3.0	+0.1	26.9	17.7	10.0
NH		16.7		•			30.5	6.5	26.4	34.7		
	12.3		1.5		-0							
VAR	•0	.0	.0	-0	• 2		.0	٠.	-9	.0	.0	.0
CALM	11.9						11.9	-0	4.2	12.C	15.3	14.0
101 085	4384	3293	238	3	C	7418		6.6	\$003	1836	1964	2115
101 861		41.4	7.0	_			100.0		100-0	100 0	100 0	100 0

FEBRUARY

PERIOD: (PPIMARY) 1 (OVER-ALL) 1	953-197 963-197						TABLE	4			APE	4 0006 MANZAWILLO SE 17.6N 102.9W
			PE	PCENTAGE	FREQU	ENCY OF	PIND	SPEED B	Y HOUR	(GHT)		
					WIND	SPEED	KNOTS	.)		PCT	TOTAL	
	HCUR	CALM	1-3	4-10	11-21	22-33	34-4	7 44.	MEAN	FREQ	085	
	00103	6.2	11.9	60.1	21.3	.5		o .c	7.7	100.0	2003	
	90360	12.0	11.2	56.4	19.7	. 7		1 .0	7.3	100.0	1836	
	12615	15.3	13.2	60.6	16.8	- 1		0.0	5.9	100.0	1964	
	14621	14.0	20.2	59.7	10.5			0 .0	5.6	100.0	2115	
	101	942	1132	4584	1225	30		1 0			7918	
	PCT	11.0	**.1	57.9	15.5	.4		• .0		100.0	• • •	

			14	APLE 5								7.	BLF 6					
P	CT FRE			CLOUD A		E IGHTHS I							CEILIN NH (5/					
MMO DID	0-2	3-4	5-7	8 £	TOTAL	HEAN CLOUD COVER	000 142	150 299	300 599	600 999	1000	2000 3499	3500 4999	5000 6499	6500 7999	*000*	NH <5/8 ANY HGT	
h .	8.0	1.7	1.6			2.0	•	.0	•	.2	. 4	. 3	- 1	.0		•	10.5	
16	2.5		. 8	- 1		2.4	.0	.0	.0	.2	. 2	- 1	- 1	•	•	•	3.8	
٤	7.4	1.0	. 7	.2		2.5	.0	•		. 1	• 2		- 1	•0	-0	•	3.9	
SE	?	2.0	. 7	- 1		2.6	.0	.0	•	- 1	• 2	- 1		•	.0		3.6	
S		. 6	. ,	. 1		2.5	.0	.0	.c	. 1	. 1	. 1	•	•	•0	•	2.3	
Sw			.6	- 1		2.1	.0	.0	.0	•	. 1	- 1	•	.0	.0		4.0	
	1	4.4	3.4	. 5		2.0	. 1	.0	.0	. 3	. 5	. 4	. 3	- 1	- 1		24.3	
AW	2.	5.3	3.8	1.0		2.0	•	٠,			1.1	45	. 3	. 1		•	27.4	
VAR		-0		.^		.0	.0	.0	.0	٠.	• 0	.0	.0	.0	.3	.0	٥.	
CALP	4.2	2.2	1.7	. 4		1.9	.0	. c	.0	- 1	. 5	. 2	•	•			11.3	
TOT ORS	3967	1261	799	186	6053	2.1	7	1	6	84	195	108	61	18	12	18	5543	6053
TOT PCT	65.9	17.0	13.2	3.1	100.0		. 1	•	- 1	1.4	3.2	1.0	1.0	.3	.2	. 3	91.6	100.0

						TABLE	•			
				ULATIVE			LIANEOUS			
			0	F CEILIA	C HE.		93 AND V	SBY (NM)		
							,			
	CE	IL ING	= CR	= 05	I .	~ H	2 OF	= CR	= CP	= OR
	( F	1123	>10	>5	>2	>1	>1/2	>1/4	2504D	>0
		265CD	-6	.6	.6	.6		.6	.6	. •
= 1	CR	>5000	.6	. 9	.9	. 9	. 9	.,	.9	.9
		>3500	1.7	1.*	1.9	3.4	1.9	1.9	1.9	1.9
= 1	CR	>2000	3.5	3.6	3.6	3.6	- 3.6	3.6	3.6	3.6
= -	CR	>1000	6.3	6.8	6.4	4.8	6.8	6.5	6-8	6.4
7	OR	>600	7.5	8.1	8.1	8.2	9.2	8.2	4.2	4.2
-= '	08	>300	7.6	8.2	4.2	4.3	6.3	2.3	8.3	8.3
-:	QR.	>150	7.6	8.2	8.2	6.3	6.3	8.3	8.3	6.3
:	0R	> 0	7.7	8.3	8.3	8.4	8.4	4.4	8.4	8.4
		TOTAL	+62	520	522	525	526	526	526	526

TABLE 74

FERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

1014L

103 4 5 6 7 6 085CD 085

39.4 27.8 14.6 4.8 4.6 2.7 2.8 1.6 1.5 .1 ACEA

FEBRUARY

PER10D.	(PRIMARY) 1 (OVER-ALL) 1							1,1	9LE 8				¥0€	A 0006	MANZANILLO SE 17.64   102.54
			P	PCENT						URPENCI ALUES				f OF	
	44BY (4H)		N	4.6	ε	SE	s	Sw	u	NE	VAP	CAL	PCI	10141	
		PCP	-0	. 0	.0	.0	.0	.0	.0	.0		.0	.0		
	51/2	NO PCP	.0	. 0	.0	• 0	.0	.0	.0	2.	. 5	.0	.0		
		IOI 1	•0	• 0	••	.0	•0	.0	. 0	.0	.0	• 0	.:		
		PCP	•0	. 0	-0	.0	.0	.0	.0	.0	.0	.0	.0		
	1/2<1	NO PCP	.0	•	.0	.0	.0	• C	•	•		.0	. 1		
		101 1	.0	•	.0	•0	.0	.0	•	•	٠.	.0	- 1		
		PÇP	.0	. 5	.0	. 0	.0	.0	.0		•0	.0			
	1<2	NO PCP	.0	.0	.0	.0	.0	.0	• 0	.0	.0	.0	. 3		
		10, 7	-c	• 3	• 0	•0	-0	.0	.0	•	.0	.0	•		
		PCP	•0	• 2	.0	•	•	.0	. 2	.0	.0	.0	•		
	215	NO PCP	. 1	• 0	.0	•	.0	0.	:1	. 1	.0	• 0	• 2		
		101 2	- 1	• 0	- C	•	•	• 0	. 1	. 1	• 0	٠.	. 2		
		PCP	•	.0	.c	.0	.0		•	.0	.0	•	.:		
	5<10	NO PEP	. 4	- 2	•2	.0	. 1	• ?	. 7	1.1	٠.	.2	3.2		
		101 2	.4	• 2	• 2	. 1	- 1	• ?	.7	1.1	.0	. ?	3.2		
		PCP	-1	. 1	•		•	•	•	- 1	.0	•	. 4		
	10.	NO PCP	11.2	4.3	4.2	3.4	2.6	4 . 3	25.1		.0		96.:		
		101 1	11.3	4.4	4.2	3.9	7.6	••3	54.1	29.3	•0	11.4	46.4		
		101 085												7-05	
		TOT PET	11.7	4 - 4	4.4	<b>4.0</b>	7.8	4 - 5	24.9	30.5	- 0	11.7	100.0		

TABLE .

ができた。 は、日本のでは、日本

									45 FIL				
4584	5PD 415	× .	NE	£	SE	\$	Sw	•	**	440	CALP	261	TOTAL
1 1 1	0-3			.0		.0		.c	.0	•0	.0	.0	٠-,
	4-10	.0	.0	••	•0	.0		•••		.0		•••	
<1/2		٠.	.5		-¢				.0	-8		-0	
	11-21	•0	.5		-0	•0			.0				
	22*	•0	٠.	•0	-0	•0	.0	• • •		-0		.0	
	101 1	.0	.0	•	••	٠.	.0	•	.5	.0	٠.	•	
	0-3	.0	.0	.0	.0	.0	.5	•0	-0	-0	.0	.0	
1/2<1	4-10	•0	•	•с	•0	•0	.0	•	•	• €		. 1	
	11-71	•0	.0	-0	.0	•0	٠.	• 3	٠.	.0		.0	
	22.	.5	-0	.0	• 5	+ C	.0	. 0	.0	• 0		٥.	
	101 2	.5	•	•0	•0	٠.	٠¢	•	•	.0	.0	. 1	
	0-3	•	.5	.5	٠.,	.0	٠,	•		.0	- 0		
1<2	9-10	-3	.c	-0	-0	.0	- C	•		.0		•	
	11-21		.c	-0	.0	.0	. 5	.0	•	•0		•	
	22.	.0	.c	.0	.0	.0	-0	.0	.0	.0		.0	
	TCT &	•	.0	-0	.0	.c	.0	•	- 1	.0	.0	. 1	
	0-3	•	.c	.0	.5	.0	.0	•	.c	٠.		•	
2 < 5	4-10	•	.0	.0	•	•	.0	.1	- 1	.0		.2	
	11-21		.0	.0	•	-0	-0	•	•	.0		. 1	
	22*	.0	.0	.0	.0	.:	.5	.5	٠.	.5		.0	
	TOT &	•	.0	•0	•	•	.5	• 1	- 1	. 5	•	. 3	
	0-3	- 2		- 1	.5	•		-1	-1	٠,	.2	.7	
5010	4-10	. 3	. 1	. 1	- 1	. 1	• 2			.0		1.4	
	11-21	•	•	•	•		•		. 3	.0		.6	
	22.	. 3	.0	.0		.0	.0	•		.5		•	
	101 1		.2	.2	.1		• 2	.7	1.0	·c	.2	3.7	
	0-3	2.1	1.6	1.3		.7	1.2	3.4	3.2		11.5	25.2	
10+	4-17	7.4	3.1	2.6	2.7	1.8	2.4	16.4	17.C	.0		55.4	
•••	1:-21	1.4		• • • •	`.;		.;	5.2	7.1	.c		15.1	
	22.		•	::	•	::							
	ici s	11.0	4.3	4.1	3.4	₹.6	•	25.1	24.4		11.5	***	
	-			•••			.,,			•••			
	101 085 101 PC1	11.5	4.5	4.3	•.0	2.4	4.6	25.9	30.6	.0		100.0	774
			7.0	7.3		4.5		43.4	30.0	• •	44.00	144.4	

FERPUARY

PERIOD: (FRIMARY) 1953-1979 (CVER-ALL) 1863-1979

TABLE 10

APEA 0006 MANZANILLO SC 17.6% 102.9%

EPCENT FREQUENCY OF CEILING HEIGHTS (FEET. NH >4/8) AND

HOUR (G=1)											TOTAL	*H (5/8 ANY HGT	
00603	.c	.0	-1	1.C	2.5	1.7		.4	.2	.2	6.9	+3.1	1656
C+609	• 1	.c	.1	1.5	3.5	1.5	1.0	• 2	.3	.5	8.6	91.2	1552
12615	. 3	•0	-1	1.6	3.8	1.7	. 5	. 3	.2	.4	9.1	90.9	1568

6 #6 200 113 64

TABLE 11

TABLE 12

		PEPCENT	FREQUEN	CY VS81	(57)	87 HOUP		CUMULAT					1.84 (4m)	
HCUR (GPT)	<1/2	1/2(1	1<2	2<5	5<10	10+	TOTAL CPS	HCUR (GMT)	<150 <50YD	<600 <1	<1000		NH <5/8 AND 5+	TOTAL CBS
00533	.0	.0	•2	.4	3.1	96.3	1998	00003	.0	• 1	1.1	6.0	92.9	1596
06809	.1	•0	-1	.4	3.7	95.7	1060	90340	-1	. 3	2.0	7.1	71.0	1986
12615	-1	. 3	.2	.3	4.5	94.6	1998	12615	.3	. 5	2.4	7.3	90.3	1495
18621	•	.2	- 1	•	2.3	97.3	216F	16221	-1	.2	1.7	6.7	.1.6	1484
101 PC1	.1	10	10	22 .3	271 3.4	7726 96.0	8344 100-0	101 PCT	.1	16	11C	423	5728 91.5	6761 100.0

TAPLE .S

RETREPTS AND PERCENTILES OF TEMP LDEG F1 BY HOUR

TABLE 14

(BRUARY

PERIOD. (PPIMARY) 1953-1979

145LE 1\*

APER 2006 -ANZANILLO SE 17.6% 102.9% PROPERTY OF THE PROPERTY OF TH

PC1 FREQ OF										(DEG F)			
#19-SEA	41	65	69	73	77	4:	4.5		>92	101	<b>b</b>	₩0	
THP DIF	64	6.5	72	76	63	44	9.6	65			• 66	FOS	
17/19	.0	.0	.c	.0	.0	.0	.0	•0	•	1	.0	•	
14/16	•0	٠.0	.0	.0	٠.	•	- 1	•	•	10		- 1	
11/13	٠.	.0	.0	.5	•	-1	.:	. 1	. 1	24	. 0	- 3	
9/10	-0	-0	٠.	-0	- 1	.1	. 1	• :	- 1	17	.0	.5	
7/8	•0	. 0	٠.	•	-2	, 4	. •	- 1	•	*1	.3	2.2	
•	.0	.0	.0	•	- 1	.3		•	.0	63	.0	. •	
5	•0	•0	.0	.2	.5		. 4	- 1	-0	135	-0	1.9	
•	.0	.0	•	. 1		1.3	. 6	•	-0	180	.0	2.6	
3	-0	. 0	•	. 1	-6	1.1		.:	.0	169	•	2	
2	-3	.0	. 1	.2	1.5	3.2		.0	.0	340	. 2	5.4	
1	-0	.0	•		2.4	2.9	• 2	٠,	-0	4:7	•	5.0	
٥		.5	- 1	1.1	5.6	4.9	.2	-0	-0	630	•	::-5	
-1	-0	-0	.2	1.2	5.4	3.0	. 1	• 0	.6	764	•	10.4	
-z	-0	•	. 3	2.4	0.9	2.5	•	.0	.0	1059	•	15.:	
- 5	٠0	.0	. 3	2.9	6.7	1.3	•	٠.	-0	740	•	11-3	
	-0	•		3.4	6.4	. 6	-0	.0	-0	777	. 2	11-:	
-5	-0	•	. 5	3.0	3.7	.3	- C	٠.	.0	532	•	7.6	
- 6	٠٥.	.0	. 3	2.5	1.4	-1	-0	. 0	-C	324	•	4.1	
-7/-8	-0	•	.7	2.5	1.2	•	-0	.0	.c	314	.5	***	
-9/-10	.0	٠.	- 3	. 6	. 3	•	.0	.0	•0	63	. :	1 - 1	
-11/-13	-0	- 1	- 1	. 1	- 2	٥,	.0	.0	-0	25	. "	-4	
-14/-16	٠0	.0	•		٠.	.0	. c	.0	.0	3	. :	•	
TOTAL	1		22*		1327		243		13		9	6988	
		13		1476		1659		36		6997			
PCT	•	• 2	3.3	21.1	47.5	23.7	3.5	- 5	•2	100.0	- 1	00.9	

PERIOD: (0VER-ALL) 1963-1979

TABLE 10

				PC	1 FIEC 0	F =190	SPEED	IRTS) AND DIRE	C1104 ¥	ERSUS S	EA #F15	HTS (FT)		
				۸		٠.					NE.			
HST	1-3	4-10	11-21	25-33	34-47	***	PCI	1-3	4-10	11-21	55-23	34-47	***	PCI
(1	1.0	1.7	:	•0	.0	-0	2.7	-5	1.1	:	-0	·.	٠.	1-7
1-2	1.0	*.5	.7	-0	٠.	.0	6.2	.3	2.4	- 3	-0	::	•0	3.1
3		2.2		•2	٠.		2.9	٠.0	.3	- 3	•		.0	• 6
5-6	.0	-2	• •	.0	• 0	.0	- •	•0	:	.c	•0	•5	••	•
7		.0	.0	-0	•5	-0	.0	.0	.:	-c	-0	•2	•0	•0
10-11	3.	.0	-0	.0	.5	.0	•	.0	.0	2.	-6	•5	-0	.0
12			.0	-0	.0	.0	-0	٠.	.с		-0	-0	.0	•0
13-16	.0	٠.	-6	-0	::	.0	.0	.c	.0	.0	-0	٠.	 3.	.0
17-19	.0	-0	٠.	.0	.5		.0	• <u>c</u>	.0	.0	.s	• • • • • • • • • • • • • • • • • • • •		.0
20-22	.0	-0	.c	.0	::	.c	.5	•5	٠.	.0				.0
23-25	.0	-6	-0			3.	.2	٠.	.5	.0	-0	3.		.0
26-32	:6	•0	•0 •0	•0		.:	.0 .0	-c	.0		3.	3.	-0	.0
32-40	:6	-0	-0	.5	.5	:5		-9	.0		.0			.0
41-48		3.			ě			٠.		::			 3.	.c
49765		::				::	.5	 3.	٠٠,	::	::	•	ĕ	
61-70		:5			::	.č			_		.5		ě	:6
71-96					.5	.č	.č		.5		.5			.5
870	:6			.5	:0	::	:5	.0		3.5				::
TOT PCT	2.1	4.7	1.5		.5	ě	12.5		3.4	:;	•••		.5	5.4
	•••	•••	•••	••		••	•••	•••	,	•.	-	••	••	,
				t							SE			
HET	1-3	-10	11-21	22-33	34-47	***	PCT	1-3	4-10	11-21	22-33	34-47		PCT
CI.	-5	• •	.c	٠.	• •	٠.5	1.	•\$	1-0	.5	.:	3.	-0	1.2
3-4	.4		.2	.0	.0	٠.	1.4	•3	.7	-1	.0		.5	1.0
5-6	.1			.0		3. 0.	.,	•1	::	٠,٠	.c	::	.0	• •
7	.0	:6	-1	:0			:6	•0	::	::		::	.6	-1
2-7			.0	.0		.5	-0	.5	.0					::
10-11			.0				.0				.5		-5	::
12	.0			.5					::	::	.5	:.	.č	
13-16		::			::	.5	:0	::	::		::	::		::
17-19		::	.č			:5		::	::	2.		::	; i	
20-55		.5	::					::		.a	3.	÷	.5	÷
23-25	::		::		.5		-6	:5			::	ž.	.5	:č
26-32		::	3.				 a.	::	.:	:è				
33-40	.č	::				::			.5	::		.;	.5	
91-46			::	:0				::	::		.5	:-	::	
99-60	:č		č	.5			:	:5	::	7.		٠:	:5	ij
41-70	.c			.5				ů.		::	.0	ĵ.		
71-06		.č		::	.,		::	3.				::	.5	.;;
67.		::			ió	::		::		·.	::		.č	:ĕ
TOT PCT	1.2	2.3			.č	:5	3.7	::	2.3	.;	.5		-6	3.0

PERIOD:	10461	P-ALL I	1963-1	<b>47</b> 9				FEBRUARY	)			AREA		PARZAN N 102	ILLO SE •9¥
				PC	T FREC C	F -140	SPEED	CREST AND DIREC	1104 ¥	ERSUS S	EA HEIG	#15 (FT)			
				<u> </u>							Se				
HGT	2 - 3	4-10	11-21	22-33	54-47	48.	PCT	1-3	40	11-21	22-33	34-47	40-	PCT	
<1	•2		• 0	•0	.c	.0			1.0	.0	٠.	.0	-0	1.6	
1-2	• 3	. 6	•	-¢	.0	٠.	. 9	.4	1.3		•5	.0	•0	2.1	
3-4	.¢	• 1	•1	•c	.0	.0	- 3	•1	- 3	• ?	.5	• •	.5	.5	
5-6	•0	.0	.0	•0	.0	٠.	.0	•6	:	٠,	.0	.0	.0	.1	
7	.0	.0	.0	٠.	.0	.o .o	.0	.0	.1	.1	.c .c	.0	.0	: 6	
13-11	3.0		.0	.0	.0			.0		.0				.0	
12		::	.6	.0	.0	:6	:5	:5	.5	.5	.5		.0	ö	
13-16			٠,٠					::	.5	ž.				.õ	
17-19	3.		. c		:3		:3	ič.	::		.0		::		
20-22				.0	.5	.0		 3.	:5	.č	.0	ò			
23-25		.0		.0		.5	.0			3.	.0		.0	. 0	
26-32	.0	.0	.0		īš	.5	.5			.c		٠.		,c	
33-40			.0	.5			.0		. 3	.0	.0	.0		٠.	
41-48	.0	.0	.0	.0	. 5	.0		.0	-0	.0	.0	. 0	.c	.0	
49-60	.0		.0	-c	. 0	. 0	.0	.0	-0	.0	.0	. 0	•0	.0	
61-70	. 7	.0	.0	-0	. C	٠.	.0	.0	.0	.0	-0	•:	4.0	٠.	
71-06	.0			.¢	.0	.0	.:	.0	-0	.0	.0	• 2	.c	.0	
87+	.0	•6	.0	-0	. :	.0		٠.	•0	.5	-0	.0	.0	.0	
101 PC7	. 4	1.5	. 2	.0	- 3	.0	2.1	1.2	2.7		.5	٠.	.5	4.4	
											٠.				TOTAL
461	1-3	4-15	11-21	22-33	34-47	44-	PCT	1-5	4-10	11-21	22-33	34-47	44.	951	PCT
3	1.2	4.5		.0	.5		5.5	1.5	*.0		.0	.5		5.0	
i-2	1.1	10.9	2.0		.5	.5	14.0	1.2	12.6	2.1				15.0	
3-4		2.6	1.5	.0			4.2	• • • • • • • • • • • • • • • • • • • •	2.4	2.7			.c	6.7	
5-6	. 1	-:3	- 114		.3	.s	1.2	.c	1.1	1.2	.1		.0	2.2	
7		•	•	.0	::	.0		.0	. 3	.5	.0		.0	.,	
4-4	.0	.5	.0	.5	. 5	.c	.0	.0	. 2	- 1	.0	•0		.2	
10-11	.0	.0	.0	.0	-0	.0	.0	.c	.5	3.	-1	. ^	.0	. 1	
15	.0	-0	•0	.0	-0	.0	.0		.0	• • •	٥.	٦.	.0	.0	
13-16	.0	-0	-0	.5	•3	.0	.0	.0	.0	- 1	-0	-0	-0	- 1	
17-15	.0	٠.	•€	.0	.3	.0	.0		.0	•₽		•0	.0	.0	
23-22	.0	• C	-0	.0	•0	.0	-0			•0	.0	-0	.0	.c	
23-25	.0	٥.	-c	-0	-6	.0	-0		-0	-0	.0	•€	.0	.0	
26-32	2•	.0	٠.	•3	• • •	.0	- 2		-0	•:	-0	•5	.0	٠.	
33-40	-0	٠.	٠.		• •	•6	.0		-0	-5	.0	.0	٠.	.0	
41-48	٠.	٠.	•:	٠.	• 2	٠.	.0		.0	-0	.0	::	.0	.0	
49-6C 61-7C	.0	٠.	• ?	.:	.:	.c	 c.		.5	:: ::	3:				
71-96	.0	.0	.0	.0	.5	3.	 2.		.0						
27.			.5	.5	.;	::	.5		::	::				.č	
101 PC1	2.4	14.3	•	ij	:5	:6	25.2	3.2	22.0	6-5	.3			31.	44.3

	<b>615</b> 0	SPEED	(#15)	75 SE4	HE IGHT	(F1)		
461	0-3	4-10	11-21	22-33	34-47		PC:	161
(1	14.4	10.6	.1	.5		.c	33.4	CRS
					.5		44.4	
1-2	5.4	33-2	5.4			.5		
3-4	. 7	9.9	5.3		-0	٠.	16.2	
5-6	-2	2.9	2.7		ء۔			
7	.0	- •	-6	-0	-0	.3	1.2	
1-7	.0	- 1	-1	-0	٥.		. 3	
10-11	.0	.0	٠.٤	- 1	.0	.0	-1	
12	3.	.5	.0				.0	
13-16					2.		.1	
17-19		-0	3.					
20-22	:5	.5	:5				ž.	
23-25	.:	- 5	- 5				٠¢	
76-32	.c	.0	٠.				٠,	
23-40	.0	.0	.5				.0	
41-47	-5	-0	-0			.0	.5	
49-50	.c	- 5			.0	.c	• 7	
61-70	.5	.0	.5		.0			
71-86							.5	
02.								
•/•	•0	.0	•0		-0			
			_		_	_		1545
TOT PCT	25.5	65.2	13.4	•	.5	٠.	100.0	

PC# 10.	D: 1CV	{ P - 1 L L	1 144	<b>4-1</b> 57 <b>0</b>					1461	LE 1	•											
					PE#C6%	FPE	CUE SC T	er .	44E ~	: IGH	T (FT	1 15 ×	14£ b£	-107	******	051						
*E*100	<1	: 5	3-4	5-6	7	8-4	12-11	2	2 13-	16 1	7-15	20-22	23-25	24-52	33-40	418	49-60	41-70	71-46	\$7-	TOTAL	#[ 4 % # 6 T
< 5		26.5	17-0	4.4	.7	.2	. 1		1	٠	•	.5	.0	.0	.c	-¢	-0		-0	.0	3115	2
1-7		2.9	5.4	3.4	1.0		. 1		i	•		-0	.0			.0	.3	.0	-0	. 5	725	
9	• 1	1.0	2-2	1.4	- 7	.2			• .	. 1	٠.٤				.5		.0	.c	-0	.c	312	•
10-11		1.0	1.1			.2	. 1				-0	.5	-0	3.		.0			.0	.0	181	•
12-13	-0	.0		• 2	. 3				•			.0			.c		.0		- 5	.0	74	5
>13		.5			.;	•			•		3.		, č		.0		.0		.0	.5	32	i
11011	11-2	2.6	2.1			. 1				. č		.c				3.	.0		. 6	.0	*C1	1
10141	1694	1814	1530	411	103		25	. 1		7	- 7	- 5	• • •	- 5		- 5	ă		0		5300	
PC1	20.5	33.3	26.6	11.4	3.4	1.2				. i	- ;	.5	•	ء.	.š	.5	.5	3.	٠č	-6	100.0	•

APES 0006 MANAMATELO 46 17.64 102.94 PERIOD: (PPIMARY) 1953-1979 (CVER-ALL) 1875-1979 PERCENT FREQUENCY OF MEATHER OCCURRENCE BY MIN' DIPECTION OTHER MEATHER PHENCHENS PCPN AT PCPN PAST CE TIPE HOUP PAIN ...... .3 2-1 3-3 .6 .3 .1 .1 .1 .0 . . . . . . . . . . . . . . 1.0 .1 .0 .1 .1 .0 .0 .1

TABLE Z

### PERCENT FREQUENCY OF MEATHER OCCUPAENCE BY HOUR

			•	efCIPI	14110	TYPE					01+[=	<b>6[11HED</b>	PHENC	HÇYA	
#0UR	PAIN	PAIR Smer	CRZL	-CP4	5406	OTHER FRZN PCPN	MAIL	PCPN AT CD TIPE	PCPN PAST HOLF	145° 145	FOG MG PCPN	FOC 60 PCP6 PAST HR	\$#C+£ ##7E	SeaTe SeaTe SeaTe	515 514
00623 C6609 12615 18621	.0 .2 .1	-1 -0 -	.0 .1 .2 .1	.s .s .s	.0.0	.0	  	.1 .3 .4 .3	.1 .0 .1	.3	.2		7.0 .4 1.9 7.7	2.	97.6 98.3 97.1
Tot PCT TCT CBS:	.2 6573	•	.:	.:	.9	.0	ء.	.5	•2	-1	•5	•0	:-•	•	47.3

TABLE 3

### PERCENTAGE FREQUENCY OF MIND DIRECTION BY SPEED AND BY HOUSE

		•1×	2 5066	0 1445	151								40U#	(G=T)			
FMD DIS	0-3	4-10	11-21	22-33	34-47	***	TOTAL	134	*EA%	cc	03	24	C.	12	15	14	23
							•••		3-0								
		5.7	1.0	•	-0	.5		2.3	6-8	5.2	4.9	9.4	4.5	11.7	4.1	4.9	41-1
n.E	.7	1.*	- 2	-0	•	.,		2.5	5.9	1-1	1.3	1.4	.0	4.4	2.8	*.1	5.4
ε		2.1		•0		٠.		3.4	4.3	1.0	2.6	2.2	-0	5.2	**3	5.3	3.4
šE	. 9	2.1	. 3	•	•	.0		3.2	4.6	2-1	7.4	1.7	1.5	2.0	4.0	4.2	1.4
3		1.8	• 2	.:	.0	.0		2.4	5.6	3.0	2.8	1.5	2 - 2	1.2	7.1	4.5	1.1
54	1.1	3.3	- 3	•	.c	.0		4.7	4.0	1.5	3.9	2.4	9.5	2-1	1.6	5.5	6.1
	3.9	21.3	4.5	-2	•	.0		33.3		47.1	47.7	35.0	47.0	24.2	26.9	26.2	32.1
	3.2	10.5	9.3	- 2	•	-0		31-3	9.0	27-4	25.6	37.4	31.2	33.	39.3	26.6	30.0
VA#	-c		-0	.:	.2	.0		3.	.c	.0	.0	.0	- 5	٦.	٠.	٠.	- 2
CALF	10.1							10.1	.:	4.0	6.2	•.•	4.7	15.4	11.0	11.4	7.4
101 085	2066	SCOP	1767	• 3	3	0	***7		7.2	205+	123	2003	234	1454	236	2344	1
TOT PCT	23-1	54.4	19.7	. 5	•	.5		100.0		100-0	105.0	100.0	102-5	100-0	100.0	100.0	101.3

TABLE TA

		<b>\$140</b>	SPEED	##CTS)						₩5U <sup>0</sup>	16-1	,
-40 DI#	8-6	7-14	17-27	28-40	•1•	TOTAL	261	-642	55	C4	17	14
						C# S	LBEC	5*0	73	59	:5	51
*	4-6	3.6	-1	.0	.0		8.3	4.8	5.2		10.8	4.0
46	1.4	. •	•	•	.0		2.4	5.4	1-1	1.3	4.7	*.2
٤	2.2	1.2	- 1	.0	.0		3.4	6.3	1-1	2.1	5.0	5.2
SC	1.9	1.3	- 1	•			3.2	4.4	2-1	1.7	2.2	4.5
\$	1.9	. 1		.0	.0		2.8	5.6	3.7	1.5	1.3	4.4
Sw	3.1	1.4	•	•	.0		4.7	é-0	4.2	2.9	2.0	5.5
	13.4	18.2	1.5	•	.6		23.3		47.1	35.9	24.5	24.5
44	11-1	16-1	2.1	-1			31.3	•.0	27-2	37.0	34.3	27.3
***		٠.	.0	.0	.5			-0	.0	.0		
CALP	10.1						10.1	-0	4.2	4.6	15.1	11.3
101 085	4502	4044	347	•	=	4447		7.2	21*2	2137	2130	2488
TOT PCT	50-3	45.7	3.9	-1	.s		100.C			100.0		

~ 4	ec.
-----	-----

P(#10D: (PPI*AET) 1753-147 (OVER-ILL) 1475-197						TAPLE	•			304	17.6% 102.9%
		<b>₽</b> [Ω	CENTAGE	FREQUI	ENCY OF	-140	SPEFD 81	40UP	(G#T)		
				wI NO	SPEED		,		PCI	TOTAL	
HÇLR	CAL	1-3	4-10	11-21	22-33	34-4	7 44.	<b>"[/</b> 2	FREC	055	
02603	4.2	9.3	54.2	27.5	.9		ı .c	4.5	100.0	2192	
Detce	4.6	9.9	5 7	26.3	. 4		• .c	8.1	100.0	2137	
12615	25.1	15.0	57.5	14.2	.2		e .s		100.0	2130	
14621	:1.5	14.9	56.2	12.1	.5		o .c	6.1	100.0	7444	
101		1164	5064	1767	43		3 6	7.2		8947	
PCI		13.0	56.6	19.7	. 5		· .c		100.0	-	

			1,	IFLE S								:	6					
٠	PET FPEC OF TOTAL CLOUD AMOUNT (EIGHTHS)  by wind direction  PEAN  OFF. D. 2. The Sec. A. ( Total Child.)						1					CEILIN NH 45/						
910 CME	0-7	3-4	5-7	4 £	TOTAL	COAED Crong	700 149	150 299	300 599	600	1000	3000	3500 4999	5000 6459	6500 7996	.000-	NH KS/E ANY HGT	
	5.5	1.5	1.4	•2		2.2	•	.0	•	. 1	-2	.7	.:	.c	.c	•	7.4	
۸E	1.7	- 5	- 6	•2		2.7	•	-0	•	- 1	- 1	-1	•	.5	•	•	2.5	
E	2.5			- 3		2.4	•	.0	•	. 1	- 1	-1	. 1	•	-0	.:	3.0	
3.6	1.5	• •	. 4	.2		2.6	.0	-0	•	- 1	- 1	-1	- 1	•	•	.0	2.6	
\$	1.7	. 7		• 1		2.1	.0	.0	.5	•	. 1	- 1	•	•	•	. ?	2.6	
Sw	2.7	- 4	.7	. 1		2.3	.5		.0	-1	. 1	•	•	•	•	•	4.0	
	20.4	5. "	5.1			2.2	-1	.0	•	. •	1.0	. 4	. •	-1	. 1	.:	30-3	
44	14.9	6.7	4.5	1.0		2.1	• 1	•	•	.5	1.0		. 3	•	- 3	. 1	28.6	
414		.3	• •	·.c		•0	.:	.:	-0	.0	.0	.0		-0	.0	.c	-0	
CAL	4.4	1.7	1.3	-2		2.C	.5	-0	•	- 1		•2	•	•	- 2	.1	4.3	
TOT OPS	4257	1321	1017	216	6606	2.2	22	1	14	103	21*	121	7.0	16	27	20	6177	SAC.
101 PC1	62.5	14.4	14.1	3.2	155.0		.3	•	-2	2.5	3.2	1.6	1.1	. 2	.4		40.4	100.0

### TABLE 7 CUMULATIVE PCT FACE OF SIMULTANEOUS OCCUPANCE OF FITTING WISHES CAN SAVE AND WAR (NO.

						TSPT IN	• 3			
	C	24131	= 04	: C>	= C4	: 0*	= 0.0	: CP	: 04	= c4
	11	ILET1	>10	>5	>2	>1	>1/2	>1/4	>5070	>\$
:	CR	>4500	. t	-4	- t	.4			- e	-8
:	CR	><000	1.0	2-1	1.1	1-1	1.1	1.1	1-1	1-3
:	CR	>3500	2.1	2.2	2.2	2.2	2.2	2.2	2-2	2-2
Ξ	Ġ.	>2555	3.8	•.0	4.6	4.0	4.0	4.0	4.0	4.0
=	ca	22216		7.2	7.3	7.3	7.3	7.3	7.3	7.2
:	C#	26 E D	8.1	4.7	4.7	4.7	0.7	4.7	0.7	4.7
:	CP	>*c=	4.3		4.4	8.9		4.4	4.9	4.9
:	ce	>156	4.3			4.4	4.4	2.5	2.9	1.4
		3 6	1.4	9.2	9.2	9.2	9.2	9.2	9.2	1.2
Ī		TOTAL	595	636	642	643	643	4-3	643	443

OTAL NUMBER OF DES: 6956 PCT FREG RM <5/8: 40.4

### TABLE 74

### PEPCENTAGE FACO OF LOW CLOUDS RESENTINGS

0 1 2 3 4 5 6 7 A OBSCD C65 38.6 21.4 14.6 10.2 5.1 3.2 3.1 1.0 1.5 .1 7310

P45E 314

.

PERIOD: (PRIMARY) 1953-1979 (CVER-ALL) 1875-1879					14	9LE 9				76 (	# 0006 ##N7#NILLO SE 17.6% 102.9%
	PERCE	T FREC PREC					ULRENC ALUES				r of
VS87 (5P)	* *1		SE	s	5=	•	**	AVE	CAL-	PC1	TCTAL
PCP <1/2 NO PCP TOT 1	.0		:: ::	.0	.c .c	.0 .0	 2.	3. 3.	3. 3.	?.	
PCP 1/2<1 90 PCP	.¢ .;		.0	.0	.0	:0	.c	:. 7.	::	.3	
TOT 2	.5 .5	-9			•	-0	.0	.c	 	•	
142 NO PCP	.0 .0	.0	.0	.0	.c .s	.0	.0	.0		-0	
PCP 2(5 %) PCP 101 3	:		:	.0	:	.0 .1	:	.c .c	.0	.:	
*CP \$<10 %0 *C*	• •	• • •	.0		-5	.c	٦.	.: ::	::	.1	
101 Z PC+	• •	1	.2	•1	• 2	1.2	.•	.c	.0	•.:	
10- 40 PC>	9.1 2.0 8.1 2.0		2.4	7.6 7.6	4.5	31.4 32.0	30.4	.:	•.1	95.4 95.6	
TOT COS								_			6314

-

			,						TS 61		£0		
YSRT	\$20	*	NE.	c	sc	s	3-		•	*1*	Cata	<b>*</b> CT	TOTAL
(84)	415												240
	C-3	-0	-0	.0	.0	-5	.0	.0	.0	-0			
<1/2	4-10	•	.5	- :	.0		•	•		.0		•	
	11-71	.3	.c	-0	-0	٠.	٠.	٠.	-0	·¢			
	22.	.0	-0		.3	.0	.0	-0	.0	.:		.5	
	101 1	•	-0	-c	-0	-0	•	•	.5	•0	٠.	•	
	C-3	-5	.5		.:	-0	-0		.0	.:		-0	
1/2(1	4-13	.0	-0	-6	.0	-0	•	٠.5	-0	.0		•	
	11-21	.5	.0	.0	.3	- 5		-0	.0	-0		-5	
	22-	.c	.0	٠.	-0		-5	٠.	.0	.0		.:	
	tet r	.,	-6	.=	.0	.5	•	•=	.=	.c	٦.	•	
	3-3		.c	ء.	.3	.c	•	.5	.c	٠.	٠.	•	
1<2	9-10	-0	.0		.0	-0	-5	•	•			•	
	11-21	-0	•	٠.	.5	-6	-0	٠5	•	-0		•	
	22·	.0	.:	-3	.0	.0	.3	-5	3.	-8		.0	
	101 1	-0	•	-0		٠.	•	•	•	-2	-0	-1	
	0-3	•	•	•		-0	.5	-5	-5	.,	•	-1	
2<5	4-13	•	.0	•	•	.0	•	•:	.1	-5		-2	
	11-21	٠.5	•	•	-3	-0	•	•	•	.3		-1	
	55-	-3	.0	.5	•	-0	•	•	•			•	
	TOT E	•	•	•	•	-0	•	- :	- 1	.0	•	••	
	C-3	- 1	•	-1	•	•	- 1	-1	-1	.c	-6	1.7	
5(13	4-10	-2	-1	-1	-1	- 1	- 1	.7	-5	-0		1.4	
	11-71	-1	•	-1	•	•	•	- 3	••	.0		. •	
	22.	-0	-8	-0	-c	٠.	-0	•	•	-0		•	
	ICT E	••	-1	-3	-2	-1	.2	1-2	.•	-0	-•	*-0	
	0-3	1.6	.7		.7	• 7	1.0	3.6	3.1	-2	٠.2	21.4	
10.	4-10	5.	1.6	2.0	1.9	1.7	3.2	20-4	10.0	-5		54.6	
	11-71	1.3	+1	- 3	-3		-3	7.7	۹.6	.0		11.0	
	55.	•	. •	ء.	.3	-c	•	2		٠.		-5	
	161 2	7.4	2.7	3-1	2.•	2-6	•••	32-1	30.4	.:	•.:	•5.5	
	OT CPS	_											8714
1	DT PCT		2.4	3.4	3.1	2.7	4.7	:3.4	34.5	-0	4.4	100.0	

```
1412 1414 414
580
74161 4414 414
                    0-5¢ 10-2¢ ¢0-0¢ 52-0
                                                                             11
                                                                                   25
                                                                                        105 154
                                                            efor 40 (3 530) 4-31 30 53731432434 047 53436343*5473-
PERCENT FREGUENCY OF RELATIVE NUMBERS BY HOUR
                 41 378#1
                                                                                  SI Stars
.......
  SENCERE RRECEEVES OF LIND DIRECTION BY TERP
                                                                 PERCENT RECOUNCY OF PELATIVE MUMIDITY BY TEMP
                 41 376vz
                                                                                11 37411
                                           :274:
                                                                                                      :2341
                                           13612
                                                                                                      $1721
                                           *=>*=
                                           $2355
                                                                                                     10300
                                           61#$1
#70#
                                                               BERCEP: 486076764 PPA (FE) DA HOTE
                       21 316+1
                                                                          11 37911
                                                                                            *1321
                                                                                            ....
                                                                                            12723
                     $450201 485007467 CF CELLIAG #656413 1856744 34/41 ARC
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4161-5181 +378-93851 4161-1561 | 1488-1381 | CC183e

36.501 #4.51 37 0005 #345 #000 #344

0	•	u	

PERIOD: (PRIMARY) 1953-1+79 (CVER-ALL) 1875-1979	1#8LE 17	AGE 1000 MANZANILLO SE 17.6N 102.9W
PCT FREQ OF AIR T	EMPERATURE IDEG FO AND THE OCCURRENCE OF FOG	(WITHOUT PRECIPITATION)

PERIOD- (OVER-ALL) 1963-1979

の問題を対象を表現している。「他のでは、」」」。

TAGLE 18

				PC	T FRES O	F WIND	SPEED (	KTS: AND DIRE	CT104 Y	EPSUS S	É# HEIG	HTS (FT)		
				N							NE			
HGT	1-3	4-10	11-21	22-33	34-47	48.	PCI	1-3	4-10	11-21	22-33	34-47	48+	739
<1	1.2	1.5	.0	•0	.0	•0	2.7	•7	1.0	.0	.0	.0	•0	1.7
1-2	•2	3.6	• 2	.0	.5	•0	4.0	• 3	1.1	•1	.0	•0	•0	1.5
3-4	• 1	. 9	.6	٠,	• 5	•0	1.6	•0	.5	- 1	•0	.0	.0	.7
5-6	.0	•	. 3	.0	• 0	•0	• 3	.0	.0	- 1	•0	•0	.0	- 1
7	.0	.0	. 1	•0	•0	.0	• 1	•0	.c	•	•0	.0	•0	•
8-9	.0	.0	•0	•0	• 0	•0	•0	•0	.0	.1	.0	٠.	•0	.1
10-11	•0	.0	•0	•0	. 0	•0	•0	•0	.0	.0	•0	• 0	•0	•0
12	•0	•0	.0	.0	.0	.0	-0	•0	.0	2	.0	•0	•0	•0
13-16	.0	.0	•0	•0	• 0	•0	•0	•0	.0	.0	.0	.0	•0	•0
17-19	.0	.0	•0	.0	• 0	• 0	.0	•0	.0	.0	.:	.0	•0	•0
20-22	.0	•0	•0	•C	-0	•0	.0	•0	.0	•0	•0	• C	.0	-0
23-25	.0	.0	•0	.0	• 0	.0	• 0	•0	•0	•0	.0	• 0	.0	•0
26-32	•0	•0	•0	•0	-0	•0	•0	.0	.0	.0	•0	.0	-0	•0
:3-40	.0	•0	•0	.0	. 0	•0	•0	•0	.0	•0	-0	.0	•0	.0
41-48	•0	•0	•0	.0	٠,	•0	• 0	•0	.0	•0	•0	•0	• 0	•0
49-60	•0	-0	.0	.0	.0	.0	•0	٠.	•0	•0	•0	.с	• 1	•0
61-70	•0	•0	•0	.0	• 0	•0	•0	.0	.0	•0	•0	••	•0	.0
71-86	.0	•0	• 0	•0	•0	.0	.0	•0	.c	.0	•0	•€	•0	*0
87+	.0	•0	.0	•0	•0	• 0	.0	•0	.0	.0	•0	.0	.0	•0
101 PCT	1.5	6.2	1.2	.0	•0	•0	8.9	.\$	2.7	.3	•0	•0	.0	4.0
				τ							SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCI	1-3	4-10	11-21	22-33	34-47	48+	PCT
Ci.	.2		.0	.0	• C	.0	1.1	. 3	.6	.0	.0	.0	.0	. 9
1-2	•2	1.7	.2	.0	• 0	•0	2.0	.1	1.2	. 3	•0	3.	•0	1.6
3-4	.0	. 3	. 1	.0	.0	•0	. 3	•	. 3	• 1	.0	2.	•0	.5
5-6	. 1	•	. 2	.0	• 0	.0	. 3	•C	.1	.0	.5	.0	•0	. 1
7	.0	.0	•	.0	.0	•0	•	•0	.0	• 1	. 1	• 6	.0	. 1
8-9	.0	.0	.0	.0	- 0	.0	.0	•0	•¢	• 0	•0	• C	•0	.0
10-11	.0	.0	•0	•0	•0	٠.	•0	•0	.0	•0	.0	. 5	•0	•0
12	.0	.0	.0	-0	•0	٠0	•0	.0	•0	.0	.0	٠.	•0	.0
13-16	.0	.0	.0	.0	.0	.0	-0	•0	.0	.0	-0	•0	•0	.0
17-19	.0	•0	.0	.0	• 9	.0	•0	.0	.0	.0	.0	. c	.0	.0
20-22	•0	•0	.0	.0	• 0	.0	•0	•0	.0	.0	.0	.0	.0	.0
23-25	.0	•0	.0	.0	• 0	•0	.0	•0	.0	.0	•0	.0	•0	.0
26-32	.0	•0	.0	.0	• 0	•0	.0	.0	.0	.0	.0	.0	•0	.0
33-40	.0	.0	.0	.0	• 0	.0	•0	•0	.0	.0	.0	.0	•0	.0
41-48	.0	.0	•0	.0	.0	.0	۰٥	.0	•0	.0	.0	•0	.0	.0
49-60	.0	.0	•0	.0	•0	.0	•0	.0	.0	.0	.0	• 0	.0	•0
61-70	.0	•0	.0	.0		.0	•0	,5	.0	.0	.0	.0	.0	.0
71-86	.0	•0	.0	.0	.0	.0	.0	•0	.0	•0	.0	• 0	.0	.0
87+	.0	.0	.0	.0	•0	.0	•0	•0	.0	.0	.0	.0	.0	.0
TOT PCT	.5	2.8	•5	.0	.0	.0	3.8	.5	2.2	.5	- 1	• 0	.0	3.2

									MARCH	•							
PERICO:	COVE	1-4-63	1943-1	974										AREA			ILLO SF
								TABLE	18 100	NT)					17.	64 102	.94
					<b></b>						_						
				PC	T FREG O	F WIND	SPEED	(KTS)	AND DI	RECI	ION A	EPSUS S	EY HEIG	H75 (FT)	)		
				5													
HGT	1 - 3	4-10	11-21	22-33	34-47	48+	PCT		1-		4-10	11-21	22-33	34-47	48+	PCT	
G.				.0							1.0	.0	22-33	.0	••0	1.3	
i-2	:;	1.3		.0	. ć	.c	1.7			2	1.4		.0	.č	.0	2.0	
3-4	';		.0	.0	.5	.0				ó	***	::	•		.0	.,	
5-6	.0				ě	.0				č	.1		.0	٠٥			
7		.0		.0		.0	•1			ŏ	- ;			.0	.0		
4-9	· C	.0	·c	.0	.c	.0				ō	.0	.0	.0	.c	.0	.0	
10-11	.0	• 0	.0	.0	. 0	.0	.0			ō	.0		.0		.0	.0	
12	.0	.0	•0	•0	.0	.0	•0			ō	.0	.0	.0		.0	.0	
13-16	.0	•0	.0	.0	.0	.0	•0			ō		.0	.5	• 0	.0	.0	
17-19	.0	• 0	.0	•0	. 0	.0	.0			ō	.0	9.	.0	i.e	•0	.0	
20-22	.0	• 0	• 0	.0	.0	•0	.0			0	.0	.0	.0	.0	.0	.0	
23-25	.0	• 0	.0	.0	.0	.0	.0			0	.0	.0	.0	.0	.0	.0	
26-32	.0	•0	.0	•0	.0	•0	.0			C	.0	.0	.0	.0	.0	•0	
33-40	.0	•0	.c	.0	٠.	.0	.0			0	•0	.0	.0	.0	.0	.0	
+1-+8	•0	•0	•0	.0	.0	•0	•0			C	•0	.0	•0	• C	.0	.0	
49-60	•0	•0	•0	•0	.0	.0	.0			0	•€	.0	.0	٠,	.0	.0	
61-70	•0	•0	-0	•0	• 6	•0	.0			0	•0	.0	.0	.0	•0	.0	
71-86	•0	•0	- 0	•0	• 0	•0	.0			0	•0	٠.	.0	٥.	.0	.0	
87•	•0	.0	.0	•0	•0	.0	.0			0	.0	.0	.0	•0	.0	.0	
TOT PET	. •	1.7	• 2	.0	.0	.0	2.3		•	6	3.4	.2	•	.0	•0	4.3	
				¥									Ne				TOTAL
461	1-3	4-1C	11-21	22-33	34-47	48 *	PCI		1-		4-10	11-21	22-33	34-47	48+	PCT	PC1
(1		3.0			.0	.0	4.8		i.		3.1				7.0	4.4	
1-2		11.5	2.3	.0		.0	14.7		i.		11.5	2.6	.0		.0	15.4	
3-4	.2	5.4	4.3	.1	.0	.5	10.0			3	5.0	4.4		•0		9.8	
5-6	.0	. 5	1.5	. i	.0	•0	2.1			i		1.8		.č		2.5	
7	•0	.2	. 1	•	.0	.0				ō	•			• 0	•0		
8-9	.0	.0	.0		• 0	.0				Ċ	. 1	.1	•	• 0	•0	-2	
10-11	.0	٠.0	.0	.0	.0	.0	.0			0	•0	.0	.0	•0	•0	.0	
12	•0	•0	-0	.0	• 0	.0	.3			0	.0	.0	.0	• 0	.0	.0	
13-16	•0	•0	•0	.0	• 0	.0	.0			0	.0	.0	.0	.0	• 0	.0	
17-19	• 6	•0	•0	•0	.0	•0	•0			G	•0	•0	.0	٠.	•0	.0	
20-22	.0	• 0	.0	•0	٠.	.0	•0			.0	.0	•0	.0	•0	•0	.0	
23-25	•0	•0	•0	• 5	. 9	•0	.0			.0	•0	•0	.0	• 6	.0	.0	
26-32	•0	•0	•0	•0	• 2	•0	.0			٥	.0	.0	۰٥	• 0	•0	.0	
33-4C	•0	•0	•0	•0	•0	-0	•0			.0	•0	.0	.0	•0	•0	-0	
41-48	.0	•0	-0	•0	•0	-0	•0			.0	•0	.0	.0	•0	.0	-0	
49-60	٠,	•0	• 6	.0	• 2	.0	•0			-2	•0	•0	.0	• 6	-0	•0	
61-7C 71-86	•0	٠0	-0	٠.	•0	.0	-0			.0	• 5	.0	.0	٠,٠	•0	.0	
87+	.0	.0	•0	•0	.0	•0	•0			.c	٠,	•0	•0	• č	•0	٠0	
101 PCT	2.1	21.5	8.4	.3	0.	.0	32.3		2:	ō	20.6	•D	.0	.0	•0	.0 32.7	91.5
10. 761			014	• • •	••	• 0	,,,,		٠.		20.0	4.5	• •	••	••	25.1	****

	WIND	SPCED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	39-47	48*	PCT	101 085
<1	14.3	12.1	.2	.0	.0	.0	26 + 5	
1-2	3.7	33.5	5.8	.0		.0	43.0	
3-4	. 8	13.0	9.5	• 2			23.5	
5-6	• 1	1.3	3.8	• 2	.0	.c	5.4	
7	•0	. 2	.7		.0	.0	1.2	
8-9	.0	- 1	.2		.0	.0	. 4	
10-11	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	
13-16	-0	.0	٠.	.0	•0	.0	.0	
17-19	.0	.0	.0	.0	•0	.0	.0	
20-22	•0	.0	.0	•0	-0	.0	•0	
23-25	•0	.0	.0	.0	-0	.0	.0	
26-32	-0	-0	.0	•0	.0	.0	.0	
33-+C	•0	.0	.0	.0	.0	٠.0	.0	
41-48	•0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	•0	
61-70	•0	.0	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	٠.٥	.0	
87+	•0	.0	.0	.0	.0	.0	.0	
								1691
TOT PCT	19.0	60.3	20.2	.5	.0	.0	100.0	

PERIO	D: (CY	ER-ALL	1 194	9-1979					TABLE .	19											
					PERCEN	FRE	OUENCY !	OF WA	AE HEIG	HT (FT	1 VS (	HAVE P	ERIOD	ESECON	051						
PERIOD (SEC)	(1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	7.8	24.6	18.6	5.3	1.4	.5	-1		•	•	.0	.0	.0	.0	.0	.0	.0	.0	.0	3473	3
6-7	• 2	2.7	6.4	4.6	1.2		.2	•	•			.0	.0	.0	.0	.0	.0	.0	.0	938	
8-9	. 1	. 9	2.7	1.6	.6	- 1	.1		-0	• C	.0	.0	.0	.0	.0	.0	.0	.0	.0	380	
10-11	.0		1.0	.5	.3		. 1		•	.0	.0	.0	.0	.0	.0	.0	. C	.0	-0	159	
12-13	•0	-0	• 2	. 4	•2		. 1	•	.0	•0		.0	.0	.0	.0	.0	.0	.0	.0	91	5
>13	•0	•0	.0	.5	• 2	٠.	•			.0	.0	.0	٠č	.0	.0	.0	.0	.0	.0	**	6
INDET	9.8	1.9	1.9	.8	• 2		.c	.0	.0		.0	.0	.0		.0	•0	.0	.0	.0	873	1
TOTAL	1061	1845	1865	831	241	68	26	9	5	4		0	Ö		0		0	Ö	0	5958	3
PCT	17.6	31.0	31.3	13.9	4.0	1.1	. 4	.2	• 1	. 1	.í	.0	٠ŏ	•0	.ŏ	.ŏ	٠ō	•0	•0	100.0	-

e aller y Hell

PERIOD: (PRIMARY) 1954-1979 (CYER-ALL) 1870-1979 APEA 0006 MANZANILLO SE 17.6N 102.9W TABLE 1 PERCENT FREQUENCY OF MEATHER OCCURPENCE BY WIND DIRECTION PRECIPITATION TYPE FOG WC PCPN .4 .C .4 .0 .0 .0 .6 .3 .2 .0 .7 .3 PCPA AT PCPN PAST HOUF NE
E
SE
S
NW
VAR
CALM
TOT PCT
TOT OBS: .2 .4 .7 .4 .0 .0 .0 .0 .0 95.7 88.2 87.2 91.5 92.8 92.5 94.5 95.6 . . . . . . . . . . . . . . . . 0000000000 .2 .4 .3 1.5 .2 .1 .1 .0 .5 .2 .000.0000 00000000000 . . . . . . . . . . . . . 1.3 .7 .7 .0 .2 .1 .0 .8 .7 .6 .0

在各种的主义,他们是一个人,他们是一个人的,他们们是一个人的,他们们是一个人的,他们们们是一个人的,他们们们们们们们们们们们们们们们们们们们们们们们们们们们们们

TABLE 2

93.5

PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

PRECIPITATION TYPE OTHER WEATHER PHENOMENA SNOW OTHER FRZN PCPh
-0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 FOG WO PCPN FOC WO SMOKE SPRAY PCPN HAZE BLWG DUST PAST HP BLWG SNOW PCPN PAST HOUP DRZL HAIL PCPN AT HOUR (GMT) THER LTMS 94.6 95.0 92.5 92.0 00603 C6609 12615 18621 .0 .1 .1 .0 3.8 6.2 7.2 .0 :1 .0 .0000 .1 • .5 TOT PCT TOT OBS: 93.5

TIBLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

MEAN SPD 5.8 2.7 3.8 2.7 5.3 34.0 30.6 6.7 5.7 6.5 6.3 5.8 5.9 9.0 .0 7.1 3.5 1.1 1.0 2.4 2.8 8.7 49.4 26.9 .0 4.2 2071 1.5 .8 1.1 .6 1.4 4.0 3.5 .0 10.9 2172 24.6 .8 .2 .3 .4 .2 .5 8.2 8.3 .0 10.1 4.5 5.2 3.5 1.5 2.2 23.6 32.1 .0 17.1 1950 3.0 .0 1.4 1.4 2.6 47.9 32.9 .0 4.6 4.5 1.7 2.0 2.2 1.8 3.5 21.4 18.4 .0 .0 .3 .4 .0 .75 .8 6.5 1.4 2.3 2.6 1.6 3.2 35.1 38.0 9.2 8.1 3.1 3.3 5.2 .9 3.1 25.2 40.8 .0 10.3 7.7 3.5 4.4 6.1 4.8 6.6 27.8 24.0 2.2 1.0 .6 5.6 1.8 7.3 36.9 39.9 .0 4.8 126 4.2 6.8 6.1 3.4 3.0 1.5 39.0 31.4 .0 4.5 A840 100.0

TABLE 3A

#IND SPEED (KNOTS) 7-16 17-27 28-40 (G#1) 12 15 HOUP 06 09 PCT FREQ 00 03 3.5 1.1 .9 2.6 2.7 8.6 48.7 27.6 .0 4.2 2197 18 21 41+ MEAN SPO 6.8 2.7 3.2 3.8 2.7 5.3 34.0 30.6 10.9 0.3 1.3 2.2 2.5 1.6 3.5 35.8 37.7 9.0 2055 9.9 4.6 5.0 3.7 1.4 2.3 23.7 32.9 .0 16.5 2163 100.0 7.5 3.7 4.5 5.0 4.7 6.3 28.0 25.3 .0 13.7 2425 6.7 5.7 6.5 6.3 5.8 5.9 8.4 9.0 2.8 .8 1.1 1.3 .8 1.7 18.0 17.4 .0 3.9 1.9 2.0 2.3 1.9 3.6 14.2 11.0 .C 10.9 4572 51.7 .1 .1 .0 .1 .0 .1 .8 2.1 .0 .0.0.1.0 N NE E SE S W NW VAR CALM TOT OB

APRIL

PERIOD: (PPIMAPY) 1-54-1979 (GYER-ALL) 1870-1979 TABLE 4

AREA 0006 PAN7ANILLO SE 17.6N 102.98

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR CONTI

				MIND	SPEED O	KNOTS			PLT	TOTAL
HOUR	CALM	1 - 3	4-10	11-51	22-33	34-47	48+	PEAN	FREO	085
00503	4.2	9.8	57.1	27.5	1.4	•0	.0	8.7	100.0	2197
06609	9.0	9.9	58.1	21.9	1.1	•	.0	7.9	100.0	2055
12615	10.5	16.2	52.5	14.3	.5	•0	.0	6.1	100.0	2163
16621	13.7	16.1	54.8	12.9	.5	•	.0	6.0	100.0	2425
TOT	965	1207	4915	1676	75	2	C	7.1		8840
PCT	10.9	13.7	55.6	19.0	. 8	·	.c		100.0	

TAPLE 5

TABLE 6

•	CT FPE			CLOUD A		(E IGHTHS)		1					CEILIN NH (S/					
WHO DIR	0-2	3-4	5-7	082CD	TOTAL OBS	COVER COVER	000 149	150 299	300 599	600 999	1000	2000 3499	3500 4999	5000 6499	6500 7999	8000+	NH <5/8 ANY HGT	
K.	3.6	1.7	1.4			2.9		•	•	.2	.5	.2	-1	.1	.1		6.1	
NE	1.3	.6	.6	. 2		3.1	•	•	•	• 2	. 1		. 1	•	•		2.2	
E	1.4	.6	.8	.4		3.4	•	•	•	.2	. 4	.1	- 1	•	.0	•	2.4	
SE	1.5	. 9	1.0	. 3		3.4	-0	•	•	. ?	• 3	.1	-1	•	-0		2.9	
\$	1.5	. 7	- 5	.1		2.7	•0	•0	•0	•	• 2	. 1	•	•	•	•	2.4	
5 10	2.5	1.3	1.0	.2		2.8	.0	.0	•0	- 1	• 2	- 1	. 1			•	4.4	
Ū.	19.1	7.3	6.2	1.7		2.6	.1	•	• 1	. 5	1.5	. 8	. 3	. 1	. 2	. 1	30.5	
A.u	16.9	6.0	5.9	1.3		2.6	• 1		+2	. 6	1.5	. 8	. 3	.2	-1	.1	26.2	
YAR	.0		.0	.0		•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CALM	6.4	2.0	2.0	.7		2.5	•	•	.1	. 2	. 5	.2	. 1	. 1	. 1	.1	+.8	
TOT 065	3659	1423	1300	370	6752	2.7	19	10	31	144	341	161	76	36	31	30	5A73	6752
TOT PCT	54.2	21.1	19.3	5.5	100.0	= :	. 3	.1	. 5	2.1	5.1	2.4	1.1	.5	.5	. 4	87.0	100.0

TAPLE 7

							IL TANEOUS		NCE	
			٥	F CEILIN	G HEIGHT	(NH >4/	A AND W	SBY (NH)		
						4584 ENP	•			
	C	ILING	= 0R	= 0R	= OR	2 OR	= OR	= OP	= OR	= CR
	(1	FEET)	>10	>5	>5	>1	>1/2	>1/4	>50YD	>0
=	OR	>6500	.8	. 9	.,	.9	.9	. 9	.9	. 9
=	OR	>5000	1.3	1.4	1.4	1.4	1-4	1.4	1.4	1.4
=	OR	>3500	2.3	2.5	2.5	2.5	2.5	2.5	2.5	2.5
:	0R	>2000	4.4	4.9	4.9	4.9	4.9	4.9	4.9	4.9
:	CR	>1000	8.7	9.8	9.9	9.9	9.9	9.9	9.9	9.1
=	0R	2600	10.6	12.0	12.1	12.1	12.1	12.1	12.1	12.1
=	OR	>300	10.9	12.4	12.6	12.6	12.6	12.6	12.6	12.6
=	OR	>150	11.0	12.5	12.7	12.7	12.7	12.7	12.7	12.7
=	OR	> 0	11.2	12.7	13.0	13.0	13.0	13.0	13.0	13.0
		TOTAL	775	862	879	900	900	901	503	903
	10	TAL NUMB	ER OF 01	\$: 693	3	•	CT FRED	NH (5/8:	87.0	ì

TABLE 7A

PERCENTAGE FRED OF LOW CLOUDS (EIGHTHS)

0	1	2	3	•	5	6	7			OBS	
37.7	18.3	14.0	10.4	6.2	4.3	3.6	2.9	2.3	.2	7283	

PERIOD: (PRIMARY) 1954-1979 (OVER-ALL) 1870-1979

TABLE

APER 0005 MENZANILLO SE 17.6N 102.9W THE PROPERTY OF THE PROPERTY O

ALL) I	P70-1979						TA	BLE A					17
		•	ERCENT						URPENC			CURRENC TY	E OF
VSBY		N	NE	E	se	\$	Sh	¥	Nh	VAP	CALM	PCI	TOTAL
(NH)													OBS
	PCP	.0	• 0	• 0	•0	• 0	.0	.0	.c	.0	.0	.0	
<1/2	NO PCP	.0	•0	.0	•0	•0	-0	.0	•	• €	•	•	
	101 2	-0	.0	-0	-0	.0	٠,	.0	•	•0	•	•	
	PCP	.0	.0	.0	•0	.5	.0	.0	.0	.0	.0	.0	
1/2<1	NO PCP	.0	.0	.0	.0	• 0	•0	.0	.0	.0	.c	.0	
	101 1	•0	• 0	.9	.0	•0	•0	-0	•0		.0		
	PCP	.0	•0	.0	.0	.0	.0	.0	•0	.0	.0	.0	
1<2	NO PCP	•	.0	.0	.0		• 0		•	.0			
	101 2	•	.0	.0	.0	•	•0	•	•	.0	•	•	
	PCP	•0	•	•		.0	.0		.0	.0	.0		
2<5	NO PCP	•		•	•	•0		.1		•0	.1	.4	
	101 2	•	•	•	- 1	.0	٠	- 1	- 1	.c	. 1	. 5	
	PCP			.0	•0	.0	.c	.0	.c	.0	.с		
5<10	NO PCP	. 4	. 3		. 4	• 2	. 4	2.5	2.1	.c	1.2		
	101 2		- 3	. 4	.4	• 2	. 4	2.5	2.1	.0	1.2	7.4	
	PCP	.0		•	•	.0				.0	.0	.1	
10+	NO PCP	6.4	2.4	2.4	3.2	2.5	4.7	31.8	28.3	.0	9.3	91.5	
	101 1	6.4	2.4	2.9	3.2	2.5	4.7	31.8	24.3	ě	9.3		
	to1 085												8267
	TOT PCT	6.9	2.7	3.2	3.7	2.7	5.1	34.4	30.5	.0	10.7	100.0	

TAPLE 9

			,	PERCEN	I FREO	OF WI ARYING	YALUE	S OF Y	ISICIL	ND SPE ITY	ED		
V\$87	SPD KTS	*	NE	C	SE	s	Sw		NE	VAR	CALM	PCT	TOTAL
(RD)	0-3	.0	.0	.0	_	.0					_	_	642
<1/2	4-10	••			.0	:0	•	•0	•0	•0	•	:	
(1/2	11-21	:					:		•	•0		• 1	
			-0	•0	.0	.0	:	•0	:	-0		•	
	22+	.0	•0	•0	•0	•0	.0	•	.0	•0		•	
	101 %	•	•	•0	•0	-0	•	•	•	•0	•	.2	
	0-3	.0	.0	٠.	.0	.0	.0	.0	.0	.0	.0	.0	
1/2(1	4-10	.0	.0	•0	•0	.0	.0	.0	•	.0		•	
	11-21	-0	.0	•0	.0	.0	• 0	.0	٠.	.0		.0	
	22+	.0	.0	•0	.0	.0	•0	.0	.0	-0		.0	
	101 3	•0	.0	•0	.0	.0	•0	-0	•	•0	.0	•	
	0-3	.0	.0	.0	.0	-0	.0	.0	•0	.с		•	
1<2	9-10	•	-0	.0	.0	•	.0	•	•	+0		•	
	11-21	.0	.0	-0	. 3	.0	.0	.0	•0	•0		.0	
	22.	.0	.0	.0	•0	-0	.0	.0	-0	.0		.0	
	101 2	•	.0	.0	.0	•	•0	•	•	.0	•	. 1	
	0-3		•	•		.0				.0	. 2	. 3	
2<5	4-10	•	•	•	•	.0	•	- 1	-1	.0		. 3	
	11-21	.0		•	•	.0	.0	•	•	.0		•	
	22.	.0	.0	•	•	.0	.0		•	.0			
	101 1	• 1	•	- 1	• 1	.0	•	• 1	• 1	.0	• 2	.7	
	0-3	-1	.1	. 1	-1		•2		.3	.0	1.2	2.4	
5<10	4-10	. 3	.2	.2	. 3	•2	.2	1.5	1.2	.0		•.0	
	11-21	.1	•	•	.1		•	.5				1.2	
	22+	.0	-0			-0	-0						
	TOT &		. 3	. 3		• 2		2.4	2.1	.0	1.2	7.7	
	0-3	1.4	.7	.7	. 9	-6	1.1	3.5	3.1	.0	9.5	21.6	
10+	9-10	4.2	1.5	1.4	1.9	1.7	3.2	20.0	17.1	.0		51.4	
	11-21		2					7.8	7.4			17.7	
	22.	•	-:	- ";			•	.3	.3				
	TOT 1		2.4	2.8	3.2	2.4	4.8	31.6	28.3	·ŏ	9.5	*1.4	
	250 10												8581
	OT PCT	6.9	2.7	3.2	3.6	2.7	5.2	34.2	30.6	.0	10.9	100.0	<b>4741</b>

PERIOD: (PRIMARY) 1954-1979 (OVER-ALL) 1970-1979

TABLE 10

AREA 0006 HANZANILLO SE 17.6% 102.9%

TABLE 12

### PERCENT FREQUENCY OF CEILING HFIGHTS (FEST, NH >4/8) AND OCCURRENCE OF NH <5/8 BY HOUR

HOUR (G#I)	149	150 299	300 599		1000						TOTAL	NH <5/8	
CCEO3	.1	•2	. 3	1.5	4.1	2.6	1.1	.5	. 3	.5	11.2	46.5	1829
00802		-1	•1	1.5	3.2	1.6	.9	.3	.3		9.0	91.0	1683
12415	.4	.1	. 9	4.4	7.4	2.5	1.0	.•	.2		18-1	#1.9	1749
14521	.2	•5	.5	1.7	4.2	2.2	1.3	.4		.5	11.9	66.1	1961
101	50	10	32	153	349			37	31	32	906	6316 47.5	7222

TABLE 11

PERCENT FREQUENCY YSBY (MM) PY HOUP								CUMULATIVE PCT FREG OF PANGES OF VSBV (AM) AN CEILING MGT (FEET,MM >M/B),RY HOUR									
HOUR (G=1)	(1/2	1/2<1	1<2	2<5	5<10	10•	TOTAL	40UR (G#1)	<150 <5040	<600 <1	<1000 <5		NH <5/8 AND 50	TOTAL OBS			
00603	.1	•	-0	- 3	5.4	94.2	2146	00603	. 3	.7	2.3	9.5	##.3	1755			
06609	.?	•0	- 1	.4	7.0	92.2	2075	90340	.4	. 9	2.8	7.2	90.0	1617			
12615	.2	.0	.2	1.3	10.3	\$7.9	2165	12615	.4	1.5	7.0	12.6	80.4	1672			
18521	.1	•	.0	.4	7.8	91.2	2429	18621	• 2	.,	2.5	10.0	87.5	1989			
101 PC7	15 .2	2	. i			4055 91.4	8615 100.0	101 PC1	23	69 1.0	251 3.6	687 9.8	600D	6935 100.0			

TABLE 15

TABLE 16

TABLE

APGIL

PERIOD: (PRIMARY) 1954-1979 (OVER-ALL) 1870-1979

TABLE 17

APEA COOK MANZANILLO SE 17.6% 102.9% 1000年代,1980年代的1980年代,1980年代,1980年代,1980年代,1980年代,1980年代,1980年代,1980年代,1980年代,1980年代,1980年代,1980年代,1980年代,1980年代

1010-141	•							*						17.04
<b>≯</b> C1	FREQ	OF A	] P TE								OF FOG (		JT PPEC	IPITATIO
AIR-SEA	57	61	65	.,	73	77	61	0.5	4.0	>92	101		40	
IMP DIF	60	64	68	72	76	80		6.6	9?			FOG	FOG	
20/22	.0	.0	.0	٠.	.0	.0	.0	•	.0	.0	2	.0		
17/19	.0	.0	.0	-0	.0	.0	-0	.0	.0	•	1	.0	•	
14/16	.0	.0	.0	.0	.0		•	• 1	- 1	•	13	.0	• 2	
11/13	.0	.0	.0	.0	.0		. 1	-1	- 1	•	26	.0	. 3	
9/10	.0	.0	.0	.0	.0	- 1	• 2	• 2	• 1	•	44	. c	.6	
7/8	.0	-0	.0	.0	.0	. 3	.5	.5	. 1	-0	109	•	1.4	
6	.0	.0	.0	.0	. 1	-2	. 7	.5	- 1	٠.	116	• 0	1.5	
5	.0	.0	.0	•	• 2	.6	1.2	. 6	- 1	.0	717	•	2.4	
•	.0	.0	.0	•	• 2	.,	1.9	. 8	. 1	•0	299	•	3.4	
3	.0	.0	.0	•	. 3		1.6	. 4	•	•0	250	•	3.2	
2	.0	٠,	•	- 1	. 7	2.1	3.0	. 4	•	.0	482	•	6.2	
1	•0	•0	.0	•	. 8	2 2	3-0	. 3	-0	.0	490	•	6.3	
0	.0	.0	•	. 2	1.8	5.3	4.9	. •	-0	.5	986	•	12.7	
-1	.0	.0	.0	.3	1.9	5.1	2.4	• 2	.0	.0	805	•	10.4	
-2	.0	.0	•	. 4	3.4	4.4	2.9	•	.0	-0	1052	. 1	13.5	
- 3	.0	.0	•	. 5	2.9	5.2	1.4	- 1	.0	•0	776	•	10.0	
-4	•0	•0	•	.5	3.7	4.7	1.0	- 1	•0	-0	779	•	10.0	
-5	.0	.0	•	. 6	2.9	3.7	- 4	•	.0	•0	612	•	7.9	
-6	.0	.0	•	. 4	1.9	1.5	-1	•	-0	•c	306	•	3.*	
-7/-8	.0	•0		. 7	1.8	1.2	- 1	•	.0	•0	2 9 1	•	3.7	
-9/-10	.c	•	. 1	• 2	. *	. 3	•	.0	•0	-0	62	•0	1.1	
-11/-13	•	•		•	- 1	•		.0	.0	•0	18	.0	+2	
-14/-16	.0	.0	.0	•	.0	.0		•0	.0	•0	1	-0	•	
TOTAL	1		17		1795		2033		44			26	7737	
		•		309		3147		366		7	7763			
PCT	•	-1	.2	4.0	23.1	*1.1	50.5	4.7	.6	-1	100-0	. 3	99.7	

PERIOD: 10VEP-ALL) 1963-1979

TAPLE 18

H6T 1-3 *-16 11-21 22-33 38-47 *8* PCT 1-3 *-10 11-					PC	T FPEQ	OF WIND	SPEED	IKISI AND	DIRE	CIION V	ERSUS S	EA HEIG	HIS (FI)	1	
HGT 1-3 a-10 11-21 22-33 34-87					k								N.F			
1-2	HST	1-3	9-1C	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21		34-47	48+	<b>●CT</b>
3-4	<1	. •				.0	•0	1.4		.2		.0	•0	٠,		
5-6										-2	1.0					
7																
10-11   1.0   1.																
10-11																
127																•0
13-16																
17-19																
20-22 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0																
23-25																
24-12 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	20-22															
33-4C																-0
41-48 .C0 .O .O0 .O																
49-60 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0																
61-70 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0																
71-86 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0																
87* .0													.0	.0		
M6T	87+		•0			.0		-0				.0	-0	٠.		
No.	TOT PCT	1.3	4.5	.7	.0	.3	.0	6.5		. •	2.2	•?	-1	.c	.0	7.4
No.																
No.					_											
C1	467	1-1	**10	11.21		70.007				1-1	12	11-21	77-11	10-07		901
1-2																
3-4																
5-6 .0 .1 .1 .0 .C .0 .2 .0 .1 .1 .0 .C .0 .1 .1 .0 .C .0 .1 .1 .0 .C .0 .1 .1 .1 .0 .C .0 .0 .1 .1 .1 .0 .C .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0																
7																
4++ .0 .0 .0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0							.0			.0			.5	.0		
12			.0	.1		.0		.1		-0		•0	.0		.0	
13-16 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	10-11	-0	.0	.0	-8	.0	.0	. 0		-0	.0	.0	.0		.0	
17-19 .0 .6 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0																
20-22 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0																
23-25 .C .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0																
26-52 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0																
33-40 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0																
\$\begin{array}{cccccccccccccccccccccccccccccccccccc																
49-60     .0																
61-70 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0																
71-86 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0																
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.																•0
TOT PET 13 1-9 48 -0 -0 -0 -0 2-77 3-9 46 -0 -0 -0 30 30 30																
	707 PCT	.3	1.9			:0	.0			.,	3.3	::		.0		3.0

04.9700		0-4111	AFFIL ARFA ODG6 MANZANILLO													
-1-100				***				TABLE 18 (CONT	,			ANCA		64 102		
				PC	1 FREG (	F LINC	SPEED	(KTS) AND DIRE	CTION Y	EPSUS S	EA HE16	H15 (FI	1			
				5							Sw					
HGT	1-7	4-10	11-21	22-33	34-47	48.	PCT	1-3	4-10	11-21	22-33	34-47	*8*	PCT		
91	• 5	• 5	•0	•0	٠,	٠.		• 5	1 0	. 1	.0	•6	.0	1.7		
1 - Z 3 - 4	.3		٠.	.0	.0	.0	1-1	•?	1.7	• 2	.0	.0	٠.٤	2.5		
5-4	.0	::	:	.0		.0	.5	.1	.5	.1	-0	:5	.0			
7,					.0		٠.	:ċ	• • •		.0		.0	• • •		
4-9		.č	:c				.5	.0	.5	•••			.0			
10-11	ŏ							.0		.0			.0			
12	.0		.0	.c	3.			.0	.0				.0	.0		
13-16	.0	.0	.0	.0	. 5	.0	.5	.c	.0	· č	.0	2.0	.0			
17-19	·c	.0	.0	.0	.c	.0	.0	.0	.0	.0	.0	.c	.0			
20-22	.0	-0	•0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0		
23-25	• C	.0	.c	•с	. 0	.0	.0	.0	.0	.0	-6	.0	.0	-0		
26-32	.0	-0	.0	.0	5	.c	.0	.0	.0	.c	.0	.r	.0	.0		
33-40	.0	•0	• 0	.0	• .0	.0	.0	-0	.0	.0	-0	.0	.0	.0		
41-48	.0	٠.	•6	.0	• *	٠.	.0	٠.	.0	.0	•0	.c	.0	.0		
49-6C	٠.	•0	•0	.0	•_	.0	.0	•0	.0	.0	٠.	.0	.0	.0		
61-7C 71-86	.0	.0	.c 0.	.0	.c	.0	.0	•c	•0	.c	٠.	.0	.0	.0		
67.		.0	.0		.0	 3.		.0	.0	.0	.0	3.	.0	-0		
101 PCT	.5	1.7	.;	:0	ě	.č	2.3	1.4	3.4	.5	.0	.6	:6	5.3		
															TOTAL	
HET	1-3	4-10	11-21	22-33	34-47	***	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT	
(1)	1.7	4.0	*****		,,,,,,		5.4	1.5	3.2	-11	.5	34-47	.0	4.4	P.C.	
1-2	1.0	12.5	2.9	.;	.0		16.4	1.1	10.9	2.5		.c		14.5		
3-4	. 3	5.4	3.5	.0			9.2	.5	4.7	4.9		.0		10.1		
5-6	.0	.4	2.2	.0	.0	.0	2.6	.1		2.0	•2	.c	.0	2.4		
7	.0	.1	. 3	.0	.0	.0	.4	.0	.1	.5	-1	.0	.0	.4		
4-9	.0	-1	- 1	•	.0	-0	. 3	.c	.1	- 1	•	•0	. 3	.2		
10-11	٠.	.0	.0	- 1	.0	.0	. 1	.с	-0	- 1	•	.0	.0	-1		
12	٠,	.0	.0	.0	.0	.0	٠.	٥.	.0	.0	.0	.0	.0	.0		
13-16	3.	•0	• • • •	•0	.c	.0	-0	•0	.0	•0	.0	.0	.0	.0		
17-19	• 2	•0	٠,	.0	• 6	۰.	.0	-0	.0	• 6	.0	.0	.0	.0		
20-22	.0	-0	•c	.0	• :	٠.٥	.0	•=	.0	-0	-0	-5	•0	.0		
23-25	.0	.0	3.	-0	.0	3. 3.	.0	.0	.5	.0	.0	.0	.0	.0		
33-40	3.	3.		.0	.0			.0	.0	0.	.0	.0	.0	.0		
91-46	·		.0				.5	.0	.0	.0	.0	3.	.0	.0		
49-60	.0	::	3.				.ŏ	.0		.0	.0	·				
61-70	.c		ñ.				.0	.0			.0	.c		.5		
71-86	.0	3.	•0	•0	.0			3.		·c	.0					
47-	.c	.c		.5	.5			.0		.0	.0	.c		.0		
TOT PCT	2.9	22.6	9.1	•2			34.9	3.1	19.7	10.1	. 3	.0		33.2	91.1	

のことは大きな主義を表現を表現を表現を表現しています。

[PIOD- (CVEC-ALL) 1949-1979 118LE 19

MEAN HGT 3 4 9 5 6 1 PERIOD 15EC1 (6 6-7 9-9 10-11 12-13 >13 140ET 10TAL PCT 6.2 .2 .0 .0 .C 10.4 112e 3-4 18.0 4.7 3.1 1.0 -9 1.7 1460 31.5 3323 948 455 200 124 58 896 6004 22.1 3.1 1.4 .0 .0 .0 1.9 1770 24.5 .3 .2 .1 .7 .1 5.5 4.2 1.0 .9 .5 .5 .2 .0 .0 . . . . . . . . . . 0000000000 000000000 .5 1.1 .8 .2 .4 .3 .1 218 3.6 ...... ........ . . . . . . . . . . 0000000000 0000000000 000000000 000000000

PE#160:	IPH [MARY )	1954-1974
	4 11 M P R - 4 1 1 4	

TABLE S

AREA DOOR PARTAMILLO S

	,			,	PERCEN	1 PHE01	18 4C 4 (	P MEATHER	OCCURAT HEE	#Y #1	49 014	ECTION			
			•	*** 6 1 * 1	14110	4 1496					0146	WEATHER	PHEND	nt 6.5	
und den	## 1 M	#41N 5Hb#	DAZL	PEPN	1406	0THE# + # 74 + CP4	HAIL	PCPH 41 08 1[HT	PCPN PAST HOUR	149# L14#	7 0 G WO PCPA	PUS 60 H[#4 H651 HR	SPOKT HAZE	\$##AY RLWG DUST #LWG \$40#	
*	. 1	.0		•0	.0	.0	. 0	1.5	. 5	. 5	. 1	.1	7.5	.0	85.5
NE	2.9	1.1	.7	•0	. 0	.0	. 0	4 . 2		2.5			9,5	.0	47.7
6	6.5	. *	1.1	, a	, õ	iõ	.0	4.6	1.6	1.4	·ú	.0	7.4	:6	44.5
st	1.5	1.1		. 0	. 0		.0	3.4	,	.,			4.7	.0	45.4
•	1.0	1.0	. 5		. 0	.0	.0	1.9	1.0	1.0	.7		3.6	.0	90.7
5 =	. 4	. 4	. 2	.0	.0	.0	.0	1.5	• 7				6.3		94.4
	. 0	.0	. 1	.0	.0	.0	.0	• 1	.0	- ;;			6.4		11.4
	- 11			.0		.0			.,	.;		.0		''.	* 3 . 3
V A #	. 0	.0		. 0	.0	.0	.0	. 0	.,	. 0	.õ	.0		ř	.,,
CALP	. 1	. 0	11	.0	.0	.0	ü	. 1	.,	.,	,,	.3	34.7	.0	41.5
101 PC1	,4	. 2	. 2	.0	.0	.0	.0		. 1	. 4	.5		7,4		40.4

TABLE .

PF#CE41	FREQUENCY	01	41 4 1 HF R	DECUPRENCE	4 7	HOUN

			•	MFC IP I	74110	4 TIPE		DINER BEATHER PHENOMEN								
HQUH (8×1)	MAIN	RAIN Shur	0#1L	PRZG PCPH	\$40×	DIMEN PRIN PCPN	HAIL	PCPN AT ON TIME	POPM PAST Moun	1404 (, 140	FOS WO PCPN	FOR WO PCPH PAST HT	5M0FF H87E	SPRAY RENG DUST RENG SNOW		
00103 00104 17114 19671	. i . i . i	.1	.2	.0 .0 .0	.c .o .o	.0	.0	1.3	.7 .7 .5	2.0 1.7	. 2 . 3 . 7	.0	6.9 4.1 7.1 10.9	• d • D • J	47,1 7/,6 64,2 47,3	
101 PC1	*451	.2	•2	.0	.0	. 9	•0	.1	. 1	.,	.,	•	7.1	• .	*0.3	

.....

### PERCENTAGE PREGUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		614	W 501	EO (#40	151								HCUS	15=11			
M+0 01×	n-1	**10	11-71	22-31	147	***		PC 1 PC 0	70 SPD	00	7,5	0 \$	••	12	15	1 4	21
76	1.5	4 - 1	• 7	•	•	.0		6.7	6.5	1.7	7.4	6.2	7.4		4.2	4.7	4.9
76	• • •	1.7	• • 7	•	•	•		7.5		.,	1.7	1.7	7.0	4,4	1.0	Z. *	(.)
į.	. •	7.5	. 5	. 1	. 1	. 0	1	3.5	1.1	1."	1.7	7.6	4.7	5.4	4.7	*.*	* . 7
50		7.0	.5		. 0	.0	1	1	7.0	2.5	1.4	2.7	1.1	3 . 0		5.0	4.5
•	1.0	2.0		•	•	.0	!	1.2	5.8	5.4	1,4	2.1	1.0	1.4	1.0	9.7	4.7
54	1.5	4.1		•		.0		6.13	6.1		4.4	4.4	4.5	2.4	1.6	6.0	1.2
•	4.2	27.5	7.4	. 2	•	.0	34	. 4	0.2	44.5	41.4	34.4	45.7	21.7	21.0	71.7	24.1
44	5.2	14.2	1.4	. 2	•			7.0	4.5	24.7		5144		22.1	14.4	24.4	31.7
V A #	.0	. 0	.0		.0	. 7		. 0			. 0	10		.0		10	
PALM	11.0						11	1.4	. 5	0,4	4.4	10.2	4.5	17.0	10.1	19.1	7.7
101 085	2014	1531	1692	5.5	15	,	47.53		6.6	2286	162	2164	127	2110	724	2497	1 11
101 PGT	15.0	56.4	17.4			•	100	0.0			100.0						

Best Available Copy

PEPICO:	(PRIMARY)	1954-1979		49E# 0006	PANZANILI	LO 15
	ACMED-SILLS	18.1-1979	7481 5 4	17.	102 (	6.

PERCENTAGE PRECUENCY OF WIND SPEED BY HOUR (GMT)

				41ND	SPEED C	FACTSI			PCT	TOTAL
HCUR	CALM	1-5	4-10	11-21	22-33	34-47	-9.	PE 14	FRFS	015
00603	7.5	10.0	59.3	25.4	.7	.1		6.4	100.5	2448
05609	9.9	10.6	57.9	20.4	. 7	. 3	.0	7.6	100.0	2242
12615	10.3	15.3	56.3	11.5	. 4		.0	5.9	160.0	23e*
14621	1 5	13.0	54.1	12.5	.5	•	•	5.4	100.0	2625
, 61	:116	1376	5532	1697	55	15	2	6.9		9731
201		11.6		17.4	. 4	•			100.0	

TAPLE "	tame 6

P	CI FPL			0145		(E IGHTHS)		,					CEILIN					
440 GIE	2-5	:	5-7	2250	1014L 065	COVED COVED	222 145	150	300 599	999	1000	2000 3494	3500	5000 6490	65CD 7999	e000+	4H <5/8	
	2.5	1.5	1.4	.7		3.4	•	.c	+1	•2		. 1	. 1	•	.0	•	5.1	
<b>\E</b>	.9	. 4	. 5			4.1	•	.0	- 1	- 1	.2	. 1	•	.0	•	•	1.5	
E	1.2	.,	1.3			4.2	•		•	. 3	.2	. 1	- 1		•	.0	2.8	
56	1.1	. ?	1.1			4.4	•	•	- 1	. 3	. 3	- 1	. 1	•	•	-C	2.6	
\$	1.4		.,,	.2		3.2	•	•	•	- 1	.2	•	- 1	•	•	.0	2.7	
5.	3.0	46.5	1.1	. 5		3.0	•	.0	•	• ?	. 3	.2		•			5.3	
	15.4	ē.5	7.3	2.4		3.0	- 1	•	• 1	. 7	1.5		. 4	• 2	- 1	.1	30-5	
No.	12.5	6.4	6.4	2.4		3.2	.1	•	. 1		1.6			• 1	- 1	.1	24.5	
PAR	٥.					.0	.0	.0	·c	.0	.0		.0		3.	.0	•0	
CAL	4.0	2.7	2.5	1.0		2.9	. 1	э.	. 1	. 2	. 5	. 3				- 1	10.5	
TOT OBS	3347	1736	1666	651	7453	3.7	21	4	4.2	211	394	193	95	34	25	2 -	6354	7400
101 PC1	-5.7	23.5	22.5	6.5	100.5		.3	•1		2.4	5.1	2.6	1.3	45		. 3	45.0	100.0

amen kalada k

TABLE 7

# CUMULATIVE PCT FREG OF STRUCTAMEOUS OCCUPPENCE OF CETCING HEIGHT INH SAVET AND YEAR INM

	CEILING (FEET)	: ^0	± 0P	± ^2					
	(FEET)			I 1.4	T OR	= 0P	: CP	: 02	= (P
		>13	>5	>2	>;	>3/2	>1/4	>5046	>0
= 0	R >6500	•6	. 7	.7	.,	.7	. 7	- 7	.7
= 0	2 ><500	1.0	1-1	1.2	1.2	1.2	1.2	1.2	1.2
: 0	R >1500	2-1	2.4	2.4	2.4	2.4	2.4	2.4	2.4
= 0	2000	4.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0
: 0	20214	V.D	10.2	10.3	10.3	10.3	10.3	10.3	10.3
= 01	4 2600	11.3	12.6	13.1	13.1	13.1	13.1	13.1	13.2
2 0	9 >500	11.7	13.3	13.6	12.6	13.7	13.7	13.7	13.7
= 0	9 >150	11.7	13.5	13.7	13.6	13.4	13.0	13.A	13.6
: 01	R > 0	11.0	13.€	14.0	34.0	14.0	14-1	14.1	14-1
	ISTAL	900	1037	1042	1264	1068	1070	1072	1073

TOTAL NUMBER OF OBS: 7605 PCT FREG NH (5/8: 85.9

## TAPLE 74

## PERCENTAGE FREE OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 5 085C0 CBS
29.5 18.2 17.1 12.6 8.1 4.4 4.1 2.6 1.3 .2 P025

P16E 024

10464-477)							**	*61. *				4.5	# 7006 ###7##\$LLO SE
		•	*****						HARENCE ALUES				f 0f
4584 (441)		•	we	ŧ	51	5	510	¥	NU	***	CALM	<b>*61</b>	1011L
<1/2	PCP 40 PCP 101 %	.0	.1	.0	.0	.a .a	.0	.0	••	.0	·c	.:	
1/261	PCP NO PCP TOT 8	.0	• •		.0	.0	.0	•0	. c	.0	•0	. 1	
10	PCP NO PCP 101 B	.0	. n u	.0	.0	:	.0	• 0	:	.0	.0	, 1	
145	PCP NO PCP 101 S	:1	• 1	.;	:	• • •	:	.1	. 0	.c .c	:1	::	
9410	PCP NO PCP 101 S	. 7	:	:	.5	. 3	:	,0 7.0 7.7	1.7 1.2	.0	1.7	*:7	
10+	PCP 40 PCP 101 8	:::	7.0 7.0	9. g 7. n	7.4 7.4	;;	1:1	11:5	/* /*	.0	:::	44.6	

-PERCENT FORM OF WIND DIRECTION VS WIND SPEED WITH VARVIOUS VALUES OF VISIDILITY .0 1407 .0 .8 ... ..... ..... ..... 1/261 0-10 11-71 22-101 9 .c .0... .0 6-J 6-JF 11-71 22-.0 ... ..... 142 0-3 4-16 11-71 23-161 & ... .1 .2 .1 .2 ...... ..... ..... ..... 746 9-3 9-17 4-18 11-73 27-101 8 1.0 1.1 1.6 0-1 4-10 11-21 27-1.1 1.5 1.5 1.3 ; d ; . d ; . 7 ; 7 7.1 20.0 7.1 .2 11.6 2.4 10.6 0.7 20.4 ..... #:: 1:7 10. 101 045 101 PCT 4.2 2.5 2.5 1.4 2.7 4.0 34.4 79.0

रक्षत्री ३० के उन्हें अन्य अनुसरीक्षा संक्रिती ३० के उन्होंचे अनुसरीक अनुस

PAGE 527

-44

101(8-11') 1vc1-18.6 h{b100: {hb1~Tt4. 1024-141.

TARLE 10

APEA CODE MARZANILLO SE 17.6% 102.94

## PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH 34/6) AND

46.13 H6.15	7.0				1999						10144	44 (5/8 144 HGT	
00665	. 1	- 1	. 3	2.3	•.2	2.1	1.2	. 6	.5	.2	11.6	60.2	2058
76604	. :	-1	.5	2.2	~.7	2.0	.,	• 2	.:		11.2	44.8	1842
12615	. 3	-1		*.,	8.0	3.0	1.7	. 3	.3		20.3	79.7	1902
12221		•	.5	2.0	3.4	2-1	1.3	. 7		.:	11.2	**.*	2131
101					*01						1075	6856	7933

146LE 11

148LE 12

NAME OF THE PROPERTY OF THE PR

		PERLENI	FAFGCER	CY 458	(~~)	-4 -000		CUMPERI					1584 144) 1004 18.6	
H5.2 (641)	(1/2	17,61	143	245	5<10	10-	TOTAL GAS						NH (5/6 AND 5+	TOTAL CAS
00603	•	•	•			92.9	2412	00103	•2	. 7	3.3	·.1	#7.6	1975
****	-1	•	•		*.*	41.3	2*14	Secce	• :	1.0	3.6	5. 2	26.0	1773
126.5	.2	- 2	.:	1.7	11.2	54.7	2375	12/15	. 3	1.4	6.9	14.8	78.3	1419
****	• 2	.2	• :	1.:	11.7	46.4	265:	14621		1.0	3.5	4.0	87.9	503+
101	:•	ţ	•		952		9750	101	2.5		225	777	6507	7605

14L 13

TABLE 14

	PERCENT FREGURNCY OF RELATIVE NUMBER OF TEMP											PERC	N F0	ECUENC	T OF M	140 01	966110	* 8 T 1	[	
iest f	6-24	30-34	-2-49	50-50	50-69	70-79	-0-69	40-103		1-65		*6	ŧ	sŧ	s	5.	•	48	v43	TALS
65/06						.c		.2	•	- 1	•0	.c	•	•	.:	٠.		•	.5	
93/44				.,				- 1	92	1.2	- 2	•	•	. 1	. 1	•:	. 5	. 3	٠.	- 1
85/45	.0			3	3.6	7.5	1.6	. •		12.5	. 7	. 3	.5	-5		. 4	4.4	3.0	-0	1.5
42/94		1			7.1	23.6	:2.7	2.1	4035	52.4	3.1	1.2	1.4	2.5	1.6	3.0	19.0	12.5	-0	6.2
75/75	.:							4.6	2350	21.1	2.1		1.2		.5	1.0	9.9	10.7	-0	1.9
70/7-	.:				. :		1.4	. •	250	2.7	. 2	- 3	. 1	•	•	- 1	• 7	1.3	.0	
45/44						.0		. 0	3		ē	•		.0	.0			•	.0	.:
TOTAL	-						2715		7705	105.2										
					12.4		16.9	4.4	-		1 - 7	2.4	1.7	1.4	4 - 7	4.6	10.0	21.4	- 6	12.1

1464 € 15

145LE 14

	-6145.	f 1 1 2 E =	rs 246	or #Cf •	iltrs	of te	-> 101	¢ () {	* HCU#		*{**	[ <b>.</b>	cuescs	OF REL	::11E =:	-10177	67 MOU	•
 16-11	-11	***	<b>651</b>	*51	51	11	-14	P[ 15	10144	H289 ((=1)	0-24	30-56	65-64	20-79	9C-44	+0+:00	-[ 14	TOTAL
62123	64	90	69	4.2	77	7.		e2.2	2461	70101	.0	1.0	17.2	**.*	27.4	5.5	77	2002
24664			6.	25	15	7:		24.5	7346	76.604	٠.	. 3	• . <	36.3	45.7	11.7	8.3	1921
12615	45	45	8.3	7.9	74	7:		70.4	2444	12614	.:		y. `	32.3	40.4	15-1	8.2	1915
14621	9.6	4;	6.0	53	77	73	6.6	47.7	2705	18621		2.3	22.5	44.1	22.0	4.0	75	2096
:::	60	45		81	75	7.3		*^.4	**5#	101	•	4;	973	336:	2-10	154	7.	7934

#ER100: (PRIMARY) 1054-1574 (GEFR-ALL) 1841-1975 14566 17

EA 2006 PANZANILLO SE 17.6% 102.7=

PCT FBEC OF 418	TEPPERATURE 100	G F I AND THE	OCCUPPENCE	of fes	talimetri	PRECIPITATION
	*5 #1#-5°	4	E DIFFERENCE	IDEC	•	

			-									
126-561	61	65	66	73	72	41	e 5	64	>92	*51		•\$
1-5 015	**	6.6	72	76	40	54		45			•05	FAC
20/22	.5	.0	٠.	.:	٠.	.c			.0	1	٠.	
17/19		.0		.:	.:		.0	•	٥.			•
1-/15		. 2	.5	.0	.0			•	. 1	15	. 3	.2
11/13					•	.:		•	•	26	٠.	. 3
9/10		.5	.5	.5	•	- 1	. 3	-2	- 1	49	.:	. 7
7.8			.5	•	- 1			٠.٠		136	•	1.6
5		. 7	-6	•		. 3		. :	٠.	4.3		: - 3
š		.5		- 1	.2		. 6		.^	134		2.3
	.3	.0	. 2	- 1		1.0	1.3	.:	.c	244		3.*
3	.0	• 2		. :		1.3	1.3	-2	•	216	•	2.2
ž	.5	.0	٠.	. 1	:.2	3.1	1.2	- 1	.0	52%	- 1	٠.:
1	. 5	.0		. 3	1.3	3.4	1	- ;	.5	572		6.5
ā	ž.			. 7	• . 1	7.	:		.5	11-2	. 1	::
1 2 -1	.5	. 2	•	. 6	3.4	5.9	- 6	•	.:	756	•	1:.2
- 2	. 3	•	- 1	1-1	6.5	4.0		. ?	.0	.524	- 1	14.5
-3	. 3	. 3	•	1.0	5.3	•.0	3	. 5	.0	976	•	10.5
	.0		- 1	1.2	5	:.0	. 1		.:	055	•	9.4
-5	.5	.0	. 1	1.0	3.5	1.6	. 1	-0	. c	5 - 3	•	*.3
• • •	.5	.0	. 1	. , ?	1.5	•	•	- =	.0	2*1	•	3.4
-7/-6	.5	. 2	. 1	. •	1.7	.5		. :	.:	273	•	3.2
-9/-10	-0	•	- 2	.:		- 1	c	.:	.:	*0	•	. •
-11/-13		.0	- :	- 2	- 1	•	. 5		.c	32	. :	. 4
/-16	. 3	•	3.	•	. 0	.:	.0	.0	.0	3		•
-17/-19	•	•	.:	.5	.5	-0	-0	.:	.0	-	.0	•
10141	2		5.	-	1095		5 . C		14		• ?	9546
		ŧ		756		3500		154		*5**		
02:	•	- 1	. t	4.0	34 . 5		:1.5	1.4	•2	:05.7	.5	44.5

PERIOD: (OTFR-ALL) 1653-167"

TAPLE IS

				PÇ	: fp[2 0	f eint	SPEED (	ATS) AND DIPE	CTION Y	E=sus s	E4 MEIG	H*5 (*11	1	
				•							- 55			
mÇ I	1-3	4-10	11-21	55-33	34-47	• • •	PCI	1-3	10	11-21	22-33	34-47	44.	751
<1	.7	. •	.0	-0	٠.	-0	1.5	-3	- 4			•5	••	. 7
1-2		2.3		•=	.0	- 5	3.0	•	• •	- 1	٠.	-2	.=	• •
3-4	.0	. 5	.5	.0		٠.	1.4	•0	- 1	• •	٠÷	•5	٠.	- 1
5-4	.0	- 1	.2	-0	.:	.c	- 3	٦.	- 1	••	-5	٠.	٠.	-1
7	• •	-0	••	.5	.:	- C	٠:	.:	.2	-5	.:		٠.	. :
4-4	-0	.0	.5	-0	. c	.5		-0	٠.	::	•	•:		•
10-11	-0	.:	.c	.0	. 2	- :	٠.	-6	. 3		.:	.:	.5	-:
12	-0	٠.	٠.	.0	.0	.0	.r	.:	.5	٠,	- 5	••		.ç
13-16	2.	.0	.c	-0		٠.	.0	.0	.6	.c		.0	.0	.5
17-1-	- 3	-¢	.0	.c	.0	.5	.6	.:	.3	٠.			.:	.0
20-22	.:	.0	.0	.5		٠.	-0	.c	٠.5	.0	.0		.:	.c
23-25	-5	-0	••	.3	.:	. L	.0	-0	-0	3.	.:	٦.	.0	٠.:
23-32	٠.	• •	.0	-0	• •	. 5	••	.:	.:	.c	.:		-0	-0
33-40	•:	. C	.:	-0	.0	.3	.0	-0	.0	- 2	.5		.0	-0
41-44	٠.	-:	.0	-\$		.c	. :	-¢	.0	٠.	•=	•-	-0	-0
49-40	.0	٠.	•:	.0	. 2	.c	.c	.0	٠.	.0	-:	•:	-6	-3
61-70	-5	- 5	3.		.5	.0	.2	ء.	.5	-0	.9	٠.	.0	.0
71-00	.0	-5		.0		-0		-6		.0	.^	٠.	.c	.:
*	.0	-0	.c	.0	.,	٠.	٠.	.0	.c	.0	-0	••	.0	.:
101 *C*	1.1	4.1	1.1	••	.:	.¢	4.3	.5	1.1	• 1	•	••	.5	1.4
				,							56			
#£1	1-3	4-16	11-21	22-33	34-47		<b>₽</b> € !	1-3	4-10	11-21	22-33	347	48-	*C1
Ci Ci	- 2			.:	.0	٠.					-0		.0	1.7
1-2	- :		- :				1.0	-:	. 6	- 1	٠.	٠.	-0	1-1
3-4		. 3		.:	. c	3.	-5	-1		. 1	٠.	.^	-0	-5
5-6		•		- 1	. 3	.c	- 1	.:	•	-2		.:	-5	.2
7		3.	э.		. :	.0	.5	3.	٠.	.:	.:		٠.	-:
4-4	.=		. 1	•		3.	- 1	.0	.:	.:	- 1		.3	. 1
16-11	٠.		.0	-0	. :	.5	.:	.:		.:	.:	.^		.0
12		٠.	.0		.:		.s	.c	.5	٠.	-0	.^	-=	.c
13-14	.0	- č	3.	.5	.:	.c	.5	ع.	.:	.0	.5	٠.		-0
17-15		.0		• 2		3.			.0		.5	.0	.ś	.=
20-72	•:	-5		-0	.:	.5	.5	3.		٠.	.5	• 5	-0	. ;
23-25	- 0	٠.	• •		. :	٠.	-5	٠.	.0	.0	.5	-¢	- 0	٠.
26-32		-5	• 0	-0	- 5	.c	.:	.\$			.=		- ċ	٠.
33-40			٠.	.0	.^	.:	.0	.0	٠.:	-:		٠.	.0	
-14	.0	-0	· c	٠.	• :	.c	.0	.5	-:	.0	-5		.=	::
44-60	.5	· č		.0	.:	-0	.5	.c	-0	-0	ع.	.~		.=
61-7C	.:	٠.5			.0	-6	.3	.6	.\$	-0	.0		.0	• 0
71-06	-0	-0			.:	.0	.0		.5	٠.	.¢		.0	.0
67-	.0			٠.	• •	٠.	2.	.0	.5	ء.	.5		.0	.0
101 PCT	- 3	1.4		-1	٠.	٠.	2.5	.4	2-1		.:	• •	.5	3.2

PERIOS:	4505								-27					2226		ille st
PE4.43:	1312		*****					14966	10 (0001)				••••		102	
				PC	: **** *	f =140	19660	(+15)	440 D14EC	1:04	resus s	Es +f:6	-TS (FT	,		
				s								5.				
mE T	1-3	4-15	11-21	22-23	34-47	4.	PCT		1-3	4-10	11-21	22-33	34-47		257	
<:	• 4	- 6	٠.	.:		.0	1.7		.5	1.0	. ε	-0	.c	.c	: - 3	
1-2	. 2	٠.	. 1	.5		.:			.7	2.2	.2	-0	.c	.c	3-1	
2 4		-2	.0	. 1	.5	.c	. 3		•	. 3	•	-0	-0	.0		
5-6	- 1	3.	•	.:	•=	.5	-1		٠.	• •	. 1	-0	.:	.:		
7	٦.	• 5	٠.	.0	-0	-0	.:		.0	.:	٠.	-0	٠.	.0	-0	
4-6	٠.	.c	٦.	.:	.5	-0	٠.		-c	٠.		-5	.0	.0	.0	
17-11	٦.	.2	• €		-2	٦.	.0		.5	•:	٠.	-2	٠.	.:	-5	
12	.0	•0	2.	.0		.c	• • •		.=	.0	.0		••	.0		
13-16	-5	٠.5	- :-	٠.	.9	2.			٠.	• • •	.:	.:	- 5	٠.:	.0	
17-16	.0	.0	.c	-c	• •	٠.	-0		-0	ن.	• •	-0	٠,	٠:	٠.	
20-22		.c	.0	.:	•5	э.	.c		.9	::	٠.	•0	••	.0	-0	
23-25 25-32	.0		.c	 3.	:2	::	- : :		.o .c	.:	÷.	:3	٠. د.	.0	-0	
33-45	.5	3:			.5	:3	.5				::			.:	.3	
41-46	Ξĕ	::	·	::	ž	:ĕ	::		::	:5		3.5	- 13		.0	
46-45		3.	3.	::		::	::		.5		::	:5	::	:6		
41-7C	.c		::						::			::		::		
71-66						::	.:			:5			::	::		
27-	.ò	3.							::	::	.č	::		:5	::	
161 PE1	.6	1.6		.1	.5	٠.	2.4		2.2	٠٥	.3		::	.5	5.4	
																IGTAL
+S1	1-2	4-10		22-13	14-42		PCT		1-3	15	11-21	22-12	34-47		PET	PCI
<1	2.6	•.1					4.2		1.2	2.0					5-1	
:-2	1.4	14.3	2.4		ě				1.2	12.2	2.2	::	::	::	15-4	
3		5.7					1.4		• • • • • • • • • • • • • • • • • • • •		3.3	.:		.5	7.5	
5-6	.1	·	1.4	.;	48		2.4		::	.,	1.7			::	2.5	
•••	. 0		.,	•	ě				ä		٠.,	::		ě		
5-2	-0	. 1		.5	45	.:	.2		.:	.:	- 1	.1	.0	.c	• 2	
15-11	.5	٠.	•			.c	•		.:		•	. 2	.=	.0	•	
12		.:	.0	.=		.5	.:		.:	٠.	٠.	-5	.:	.0	٠.	
13-14	.0	- 5	.:	.=	.0	.:	.5		.\$	.5	٠.	-3		.0	-0	
17-19	.0	-:	. 7	.5	• ?	٠.			.0	.:	•:	-0	.:	.5	٠.5	
20-22	-0	-:	-6	-0	٠.5	3.	.5		.:	.:		.:	٠.	.0	-0	
23-25	-0	-0	• ?	.:	• 2	.:	.3		٥.	-:	.:	.:	• •	.=	٠.0	
29-32	- 0	• •	·č	-0	. :	.c	-0		٠.	.5	• • •	.0	• •	.0	- 3	
33-42	٠.	.0	٠.	.0	• =	-0	.:		٠.	.c	-5	.0	•	.:	-0	
14	٠.	٥.	• 0	.2	٠.:	.5	٠.		-2	٠:	٠.	-3	٠.	-9	-0	
49-50	-0	٠.	• :	• •	:\$	•:	٠.		٠.:	-5	٠,	-0	٠.	-3	-0	
61-7C	• 5	٠.	.2	.=	•7	٠:	.:		٠.	.:	-6	-=	•	.5		
12-46	.5	٠.	.5	::	::	.5	.0		.0	-:	ş.	.0	. 2	.: ::	- • •	
101 901	3.0	24.5	7.9		::		36.2		 2.4	20.4	7	-0	::	::	31.5	**.1
		(	***	••	••	••	>••4				,	• 4			,,,,	••••

e erren elementer erren elemente, erren este en en elementer elementer elementer elementer en elementer el

P[P]CD: 1CVER-ALL1 1444-1479 P(36) PE413E 45FC1 G4 4-7 3-8 13-11 12-13 313 140F7 101AE PC7 .0 .1 7.5 1-2 21.7 2.7 1.2 1.1 .0 .0 2.5 1046 24.2 3.5 15.7 7.3 1.0 1.0 1.0 1.0 2000 30.5 351a 351a 355 355 267 365 63 1066 4816 100.0 5-6 5-2 1-6 1-1 10-3 10-3 15-3 -1 -3 ---000000000 1.1 ........... ......... \*\*\*\*\*\*\*\*\* ...... ........ .......... ........... .......... 34.55. ....

TABLE 1

17.6% 102.9a

PERCENT	FREQUENCY	0#	STATHER	OCCURPENCE	۴T	WINE CIPECTION

			9	RECIPI	14110	TYPE					CIMED	VEATHER	PHFNO	MENA	
AND 016	RATH	RAIN SHER	ORZL	2584 2584	SNOP	OTHER FRZN PCPN	MAIL	PCPN 47 08 11"E	PCPA PASI HOUP	THOP LING	FOG NO PCFN	FOG NO PCPN PAST HP	SMOKE HAZE	SPRAY PLHG DUST BLHG SNOW	NO E IG BEA
	2.4	. 6	1.5	•0	.0	.0	.0	4.4	3.4	3.6	• C	.0	1.0	.0	87.t
NE.	6.2	2.3	2.4		.0	.c	٥.	10.6	4.3	5.5	.0	.0		٠.	76.3
ε	7.3	2.7	2.4		.c	.0	. 6	12.4	6.2	4.3	.0	• 0	• 2	. 2	77.1
SE	7.2	3.5	3.1	.0	.0	.0	•0	12.1	4.5	3.1		•c		.1	80.0
Š	5.0	1.4	1.1	.0	٠.	.0	•0	7.9	5.1	2.3	. 1	• 0	.2	. 1	#4.2
5 w	3.0	1.1			.c		i.e	4.6	1.7	3.2	•	.c	. 9	.0	89.5
	1.5	. 5	. 9	.c	. C	. 5	.0	2.9	1.3	2.7		.0	1.1	•	92.1
A.	1.8	. 9		.5		. 0	• 6	3.6	1.5	2.6	.0	. 0	1.0		91.5
VAR	.0		. c	.0	, C	.0	•0	. 0	9.		.0	.0	• 0		.0
CALM	1.5		1.0	.0	.0	.0	•0	2.5	1.5	4.0	.0	٥.	* . 1		48.5
TOT PCT	3.2	1.3	1.2	٥.	.0	•c	•0	5.6	2.6	3.1	•	.c	1.0	-1	A7.6

## 18LE 2

#### EFFICIAL ERICHENCY OF MEATHER OCCURRENCE BY HOUSE

				REC IO	741761						07455	WESTMER	DMCN0	m C 44 1	
			•	W. C. 1-1							2 inca	ME FINER	- 11 10		
HOUR	PAIN	SAIN	DPZL	FRZG	SNOW	OTHER	HATL	PCPN AT	PCPN PAST	THEP	FOG	FOC 60	SMCHE	SPEAY	NO
(G=T)		SHER		PCPN		FRZN		OB TIME	+0UP	LING	-0	PCPN	HAZE	BL #G CuST	516
						PCPN					PEPN	PAST NA		6FAC 270A	ME W
00603	2.0	.5	. 9	.0	.0	•0	c	3.4	1.7	. 3		.0	1.4	-1	93.E
963300	2.8	1.4	- 7	.0	.c	-0		4.9	3.0	6.2	.0	.0	. 4	• 0	P3.7
12615	5.2	2.5	1.8	.0	.0	-0	.с	9.0	4.0	4.5	• 0	•0	. 7	•	82.0
18821	3.3	1.1	1.4	.0	• C	.0	٠.	5 - 6	2.7	.2	•	•0	2.4	•	90.7
101 PC1 101 085:	3.3	1.3	1.2	-0	.0	•0	•0	5.7	2.6	3.2	•	•c	1.0	•1	A7.7

## TABLE 3

## PERCENTAGE PRECUENCY OF SIND DIRECTION BY SPEED AND BY HOUR

		w:1	O SPEI	ED IKNO	151								HUDD	(6#1)			
WND DIR	0-3	4-10	11-21	22-33	34-47		TOTAL	PCI	MEAN	00	03	86	6.8	12	15	18	51
							085	E DE O	500								
N	1.4	3.7	. 7			.0		5.7	6.6	2.4	2.5	4.8	<.3	9.6	7.8	6.3	2.6
٩E	.5	2.3	• 6		•	•		3.5	7.8	1.2	2.0	2.9	4.2	5.5	7.4	3.5	7.5
E		4.1	2.2	. 8	. 1	•		8.2	11.2	4.5	A.7	6.0	7.6	11.7	10.2	10.2	11.5
SE	1.0	4.9	3.4	1.0	.1	.0		10.5	11.6	10.4	12.1	9.5	11.5	9.4	9.9	13.2	10.5
S	. 9	3.9	1.1	. 2		•		6.1	8.3	9.0	8.6	6.3	6.3	4.1	5.2	4.0	7.6
5₩	1.2	4.9	1.0	. 1	•	•		7.2	7.6	12.9	9.3	6.7	9.3	3.3	5.3	5.6	8 . 7
<b>L</b>	2.9	17.0	7.5	. 4	. 1	.0		26.1	9.1	38.4	34.7	30 - 1	35.6	10.0	23.6	23.9	29.5
Nb	2.5	13.7	6 · 1	. 3	•	•		22.7	8.9	17.2	17.7	24.5	14.4	27.9	25.5	23.2	19.4
VAR	.0	٠.	٠.	.0	-0	-0		.c	-c	.0	-0	.0	.0	- C	.0	٠.	.c
CALP	3.0							8.0	•0	3.9	4.5	9.1	4.0	11.6	5.0	9.0	2.9
TOT OBS	1767	4986	2095	261	35	5	0144		8.4	2122	174	2002	142	1966	258	2300	174
101 PCT	19.3	54.5	22.9	7.3	. 4	. 1		100.0		100.0	100.0	100.0	100.0	100.0	.00.0	100.0	100.0

## TABLE 3A

440 DIR	0-6			28* C	41.	TOTAL OBS	FC' FREQ	EAS SPO	C3	HOU! 26 99	12 15	18 21
N	3.3	2 . 3	. 1		.0		5.,	6		4.8	9.6	6.1
NE	1.7	1.5	. 2	•	•		7.5	1.	. 2	3 - 1	5.7	3.8
ŧ.	2.9	3.6	1.4	. 3			8.2		4.9	6.1	11.2	10.3
sr	3.1	5.3	1.0	. 3	•		10.5	1 .6	10.5	9.6	6.7	13.0
s	3.1	2.6	. 4	•			6.,	5.3	9.0	6.3	4.2	5.1
Su	3.7	3.2	• 2	- 1	•		7.2	7.6	12.6	6.9	3.6	5.8
¥	10.3	15.7	1.9	• 1			29.1	9.1	39.1	30.5	19.5	24.3
NW	9.1	11.9	1.6	• 1			. 2 . 7	8.9	17.3	23.9	26.3	22.9
VAR	.0	•0	.0	.0	.0		.0	.0	.0	•0	.0	.0
CALM	8.0						9."	.0	4.0	8 - 8	10.8	8.6
101 085	4139	4211	693	91	10	91.4		5.4	2300	2144	2226	
TAT DET	46 1	44.					100 0		100.0	100 0	100 0	100 0

16.SE

PERCENTAGE FREQUENCY OF LIND SPEED BY HOUR (GHT)

TARLE 5 TARLE 6

	PCT FRE			1 2000 A		16 12 14 1 14 2 1							CEILIN					
A/U 010	6-5	5-4	5 - 7	3 8	TOTAL	PEAN CLOUD COVER	700	150	303	600	1000	3# 66 500,	3<00 4659	5007 6199	6500 7999	:000:	NH <5/8	
N.	1 1	1.4	2.2	1.0		4.7		•	. 1		. 7	. 3	. 1				4.2	
NΕ	. 4		1.5			5.7	. 1	•	. 1	٠.		. ?	. 1	•		•	7.1	
E		1.3		2.4		5.9	• 2	•	. 4	1.0	1.3	.5	. ?	. 1	•	•	4.3	
5€	1.2	2.7	4.1	2.5		5.4	.2	•	• 2	٠,٠	1.6	. 6	. 2	. 1	•	•	6.2	
\$		1.6	7.4	1.2		۲.1		. 1	. 2			. 3	. 1			•	4.1	
5.4	1.4	1.7	2.4	1.0		4.7			• 2		. 7	.2		. 1	•			
	*.2	7.4	٠, ٩	3.4		4.2	.7	. 1	. 4	1.5	2.6	1.5		. 1	• :	. 1	21.6	
N.	٠.,	5. 4	3.1	١.,		4.4	. 1	. 1	. 3	1.2	2.1	1.4	. 5	. 1	. 1	- 1	17.1	
VAG	٠,	• 0	9.			.0	.0	. 2	2.	.0	. 3	٠.٠	.0	.0	.0	.0	-0	
CAL	2.4	2.1	2.8	.9		4.2	ь.	•	- 1	. 4	. 6			. 1		•	6.6	
101 085	1549	14,-	2587	1.64	1445	4.7	5.4	24	131	480	~32	366	126	39	25	22	4994	6995
101 PC1	22.1	23.7	٠٠.٠	17.2	140.0		. 6	. *	1.0	5,4	10.5	< . 3	1.4	.6	. 4	. 3	71.4	100.0

TABLE 7

CUMULATIVE PCT FREU OF SIN LITATEUS OCCURRENCE

OF CEILING MEICHT ENH DAVABLAND ASHY ENHY

						VSAY (NE				
		FILING	- 16	: OP	z (0.5	= 08	= CB	# OP	: 00	- 18
	**	(11)	>10	>5	>2	`1	11/2	11/4	140YD	סי
:	C.S.	>6500	. 7	. 7	, 7	. 7	٠,	. 7	. 7	.7
:	٥R	>5000	1 - 2	1.3	1.3	1.3	1.3	1.3	1.3	1.3
-	36	>3500	2.7	3.0	3.1	3.;	3 - 1	3.1	3.1	3.1
		>2000	7.4	8.2	8.3	6.3	8.2	6.3	8.3	*.*
:	Ç.R	>1000	15.8	15.3	18.6	18.7	18.7	26.7	16.7	16.7
•	C.B.	>600	20.7	24.7	75.2	25.4	25.4	25.5	25.5	25.5
		>300	21.e	26.5	25.9	27.4	27.2	27.3	27.3	27.3
:	CR	2150	21.4	26.6	27.3	27.5	27.5	27.6	27.7	27.7
3	3₩	> 0	22.0	27.0	27.0	28-1	28.2	20.3	28.	28.5
		TOTAL	15-2	1935	1992	2019	2024	2033	2040	2043

TOTAL NUMBER OF ORS. 7177 PCT FREG NH KS/R. 71.5

TABLE TA
PERCENTAGE FREQ OF FOW CLOUDS (FIGHTMS)

0 1 2 3 4 5 4 7 4 7950 085 9.4 15.4 14.9 15.4 17.9 7.3 6.7 5.9 8.2 .5 7639

18.	

one was the second of the figure of the second of the seco

								- /					
SESTOD.	10167-41_1 1871-19						T.A	HIŁ K				186	17.68 100.54
		P	FRCENT						UFRENC FIGES			"PP" NC"	· *#
	1	٠.	46	£	۶E	•	5 =	•	44	AYE	281	001	*** *35
	#CF <377 47 76		7 0	:	::	••	• •	:	. 1	.0	٠,٠	.;	·
	, / · · · · · · · · · · · · · · · · · ·	٠.;	ŗ	. 5	:	÷ }	:	0	::	. c	n 0.	• 1	
	5+ 12 + 14 + 1		.:	.1	. 3	?	• c	.3	·:	 3.	•:	;	
	71 A2 C		•	.2	.;	.1	:	.1 .1	•:		:	. 7	
	cere he pe		1	. 4	.5	?	?	7		- c - c - c	:	,,	
	17+ NO PC		2.8 1 0	5. 7.¢ 8.^	::;	( ) ( )		::	70.4 20.4	.,	7.2 7.4		
	* * * * * * * * * * * * * * * * * * *		1.5			٠.	7.1	٤,		•	7,2	1.2.2	•~17

\*AHLE 9

			4		T FPEC						٤٠		
VSAT	SPC		• E	£	5€	s	Sk		46	<b>71</b> F	CAL "	134	TOTA
(37)	KTS												3
	0-3	.0	.0	.0	. 3	. C	. 0		•	.0		- 1	
<1/2	4-1^	.c	-0	•			0	•		.0		- 1	
	11-21	•	• C	.0	•		٥.	•	•	.0		. 1	
	22.	•	. C			•	•		•	• 5		. 1	
	101 1	•	.0	•	- 1	•	•	- 1	- 1	.0	•0	. 3	
	0-3	-0	.e	.0		•^	.0	٥.	.0	٠.	-0	.5	
1/2<1	4-10	•	•	•	•	•0	.0	.0	.0	.^		- 1	
	11-21	. ^	٠c	•	•	• C	٠.۵	٠.	٠.	.0		•	
	:2+	•*	.0	•	•	•	•	•	.0	.0		. 1	
	tert	•	•	•	•	•	•	•	••	• ^	.5	. 7	
	0-3		. 3	.0	.,	٠.٤	٠.٤	•	٠.	.0	•	•	
1 < 2	4-10	• ?	•	•	•	•	٠,5	•	•	. 2		- 1	
	11-21	• 0	•	•	•	•		•	•	.0		. 2	
	22.	• ¢	•	•	•	•	•	•	•	3.		. 7	
	101 1	•	•	. 1	• 1	. 1	•	• 1	•	·r	•		
	9-5	•		.0	•	•	<b>-</b> າ	.0	•	. c	. 1		
2<5	4-37	•	•	. 1	- 1	•	•	. 1	- 1	• C		. >	
	11-21	•0	•	. 1	.2	•	•	- 1	. 1	• 0		.5	
	22.	•0	•	. 1	- 1	•	•	•	•	• 0		. 3	
	101 2	• 1	- 1	. 3	. •	. 1	. 1	· ?	•2	• 0	. 1	1.5	
	0 3	- 3	•	- 1	•	- 3	. 3	• 2	. 2	.0	. 5	1 - 3	
5<10	4-10	. 3	. 2	.5	• 6		• 3	1.0	1.0	•€		4.3	
	11-51	- 1	- 1	• 5	• 5	• 2	- 2	. (	. •	.0		2.7	
	22.	.0	•	. 3	. 3	• 1	- 1	. 2	• 1	• • • • • • • • • • • • • • • • • • • •		1.7	
	101 7	.5	• •	1.4	1.4	. 7	. 7	5.0	1.7	.0	. 5	9.2	
	0-3	1.3					1.1	2.6	2.2	.0	7.3	17.5	
10.	4-10	3 - 3	2-1	3.5	4.3	3.5	4.5	15.8	12.6	٠.۵		-9.5	
	11-21	٠,		1.6	2.0	• 6		7.1	5.7	• ^		19.6	
	22*	•	•	. *	.7	. 1	•	. 3	. 2	•0		1.7	
	101 2	5.1	2.9	6.3	ė.7	5.2	6.4	25.7	20.7	.0	7.3	F8.4	
	101 062												8915
,	101 PC 1	5.7	3.5	8.2	20.6	6.1	7.2	26.1	22.7	• 3	7.9	100.0	

JUNF

PERIOD: (PPIMARY) 195%-1979 APEA 0006 MANZANILLO SE (OVER-ALL) 1871-1979 TABLE 10 17.6% 102.9%

TABLE 11 TAPLE 12 CUMULATIVE PCT FPEC OF RANGES OF VSBY (NM) AND/OF CEILING HGT (FEET, NM >4/8), 8Y HOUR PERCENT FREQUENCY VSBY (NP) BY HOUR 2287 20102 1869 06669 2161 26689 12615 2.3 12.5 12615 18221 1.2 16821 843 8066 9154 9.2 88.3 100.0 101 PC1

148LE 13 PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP TEMP F 1.3 .5 .1 .1 4.0 12.0 3.2 .1 4.2 25.0 27.8 4.6 3 2.9 6.6 5.2 .0 . . . . . .0 . . . . . .0 . . . . . .11 291. 273. 801 10.3 40.4 37.9 .1.1 10 .1 155 2.1 1455 20.2 4459 61.8 1083 15.0 43 .6 5 .1 7210 100-0 .0 .1 1.1 3.7 1.0 .0 .1 .7 2.1 .6 .1 1.2 4.8 1.6 0000000000 ...... 0000000000 .0.0000 .2 1.8 5.5 1.0 3.5 7.9 10.3

TABLE 16

PERASSEXIPERS NO FREENILES OF TEMP (GET F) 87 HOUP

PERCENT FREQUENCY OF RELATIVE HUMIDITY 87 HOUR

PERCENT FREQUENCY OF RELATIVE HUMIDITY 87 HOUR

OBS. (GHT)

DES. (GHT)

DES.

FACE 034

JUNE

PER10D: (PRIMARY) 1953-1979 (0/ER-ALL) 1871-1979

APER 0006 PANZANILLO SE 17.6% 102.9#

-1979						145	SCE 17					17.4	Pr 105
PCT FREQ OF	Aţe	TEMP								F FOG (41 (DES F)	14601	PPECIPIT:	(AOI 71
AIR-SEA	64	68	69 72	73 76	77 66	81 64	65 66	69 92	>92	101	165	FOG	
17/19	.n	.0	٠.		٠.		٠.					,	
14/16	.0	.0	· C	. 3	3.		•			5	.0	- 1	
11/13	.5			.5	.0	- 1	. 1		•	15	.0	. 2	
9/10		.0	.0		.5		. 2	. 2	.1	42		.5	
7/8	.0	. 0	è	.0		. 2	. 3		.;	73		. 6	
ı		. 5		•		. 2	. 4		.1	4.4	.5	1.0	
5	.0	.0	.c	.5	. 1	. :	. 9	. 4	•	155		1.0	
4	٠.٥	.0	.0	.0	. 2	. 7	1.2	.5	.c	214	• 2	2.6	
3	.0	. 0	.0	.0		. 7	1.0		. 1	2.0		3.1	
2	٠.5	. C	.5		- 3	2.4	3.1	. 2	•	454	. 0	6.1	
i		.0	O	. 1	. 5	3.0	2.5	. 7	.0	522	. 5	6.4	
0	• 2	•2	.0	.:	1.3	4.1	3.5	. 1	•	1079	• C	13.2	
- 1	. 3	٠.	.0	- 1	1.6	6.2	2.2	•	٠.	940	• 6	12.1	
-2	•	. c	.0	. 1	3.0	11.3	1.1	.0	•	125-	- 0	15.5	
- 3	• C	. 0	.0	. 2	3 - 1	6.7	. 5	. 0	• C	853		10.5	
-4	••	.0	-0	- 1	3.7	5.5	.2	.0	.c	7*7	.0	9.6	
- S	. 0	•	•0	. 2	3.;	3.0	. 1	. 0	٠.	571	• 0	6.4	
-6	•5	.0	-0	. 4	2.3	1.4	•	•0	.0	3 *-	• •	4.1	
-7/-8	- 3	.0	- 0	. 5	2 - 1	. 8	•	.0	.0	257	.0	3.7	
-9/-10	• •	.0	•	. 5		.7	-0	.0	.0	99	.^	1.2	
-11/-13		•	- 1	. 2	- 1	•	.0	.0	٠.	36	- C	45	
-14/-16		•	•	•	- 0	.0	.t	.0	.0	5	. 3	. 1	
-17/-19	٠.,	•	•	-0	• c		.0	- 0	.0	4	• •	•	
TOTAL	1		15		1501		1491		37		1	8093	
		6		236		4276		* 31		8094			
PC1	٠	• 1	• 2	2.9	55 • 3	50.8	14.4	2.9	• 5	100.0	•	100.0	

PERIOD: (0VER-ALL) 1963-1979

PCT FPEQ OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT) 27-33 HGT (1-2 3-4 5-6 7-7 8-9 10-11 12 13-16 17-19 23-25 23-32 41-48 47-60 41-86 47-61 71-86 34-47 HGT
(1
1-2
3-4
5-6
7
8-9
10-11
12
13-16
17-19
23-25
24-32
33-40
41-88
49-60
61-76
71-86
87-7
70 F PCT 2.1 

									JU	•€							
PLPICO	(QVE	R-4LL)	1943-1	676				TASLE	18 (	CONT	,			1447		M1424W 501 Ad	ILLO SE
				PC	: FPE0 01	-140	5+560	(×75)	150	0126	TIGN	<b>VEFSUS</b> 5	Es HFIG	MTS (FI	,		
				•									5-				
H57	1 ?	4-1C	11-21	22-33	34-47	46.	001			1 - 3	9-10	11-21	22 - 23	54-47	44.	PCT	
<:	. 3			.0	• 0	. c	1.3				. 4	3.	.0		.0	1.3	
:-7		1.6	.?	.5	٠,	.0	2.1			. 3	3.4	. 2	.0	.0	.0	3.9	
3-4	. 2	. 4	. 1	.0	• 2	.0	. 5			. 1	. 4	- 7	-1	. ~	•0	1.3	
5-6	٠.0	. 2	. 1	•c		٠.	. 3			.0	- 1	. :	•	٠.	• 0	.2	
,	.0	.0	.0	•	• *	٦.	•			.5	• 0	•	•0	•0	.0	•	
× - 9	• ^	•			• 0	.0	. 1			.c	•	• (	.0	- 2	•0	- 1	
10-11	.с	.0	• 5		.0	.0	.5			٠.	-¢	٠,	.0	٠.	-0	.0	
12	٠,	٠.		.0	• €	•	•			•6	-0	• 6		.0	•	•	
13-16	.0	.0	•0	-0	- !	٠.	. 1			• 0	.0	• (	•0	•	•0	•	
17-19	.0	٠.	.0	.0	•¢	٥.	.0			-0	.5		٠.	• • • •	.0	.0	
20-22	٠.٢	.c	- ?	.0	• 0	.0	- 2			.0	• 5	-0	٠.	.0	• 1	- 1	
23-25	.0	٠.	٠.	.0	• :	.0	.0			-C	. 5	•:	.0		•0	.0	
26-32 33-40	.0	.c	: \$	::	٠,٠	3.	.0			•¢		9.	.0	7.	.0	٥.	
41-46							.0			.0	.0					.0	
49-60	č	3.	:5	.5	.,	.0	.5			٠.	.0	٠.	.0	.0	.c	.0	
61-7C	.6	3.	.0		.5	.č	.,,			.0	. 0		.0		.5	.0	
71-66		. č	.č	.5	ić	.5	.,			.0	••		.0	3.	.0	.0	
A7.	.6	::		.0	Ď	:0							.0			.c	
101 PC1	.6	3.1		.;	·ĭ		4.6			. 6	5.3		.;		:3	7.0	
	••	···	••	•••	••	•	5			• 7	,.,	••	••	••	•••	•••	
													46				TOTAL
HST	1-3	4-10	11-21	22-33	34-47	48+	PCT			1-3	¥-16	11-21	22-33	34-4"	400	PCT	PCT
<1	. 7	3 - 1		.0	• • •	.0	3.8			- 6	3.¢	. 2	.0	٠.	.0	3.9	
1-2	. 6	8.6	2.6	.0	.0	.0	13.1			. 4	8.6	2.2		.0	.0	21.3	
3-4	- 1	4.8	4.6	.c	- 1	.0	9.4			. 2	3.0	2.7	. 7	٠.	.0	7.0	
5-6	٠,٠	1.0	2.0	. 2	.0	.0	3.2			-0	. 5	1.4	- 1	- 0	.0	2.4	
7	.0	- 2	.5	.0	. 6	. C	.7			-0	•	. 3	. 2	٠.	.0		
4-9	• C	.0	. 1	•	• •	.0	- 1			-¢	. 1	. 1	•	• • •	.0	- 1	
10-11	.0	- 6	. c	•0	٠.(	٠.	.0			.0	.0		. 2	٦.	.0	. 1	
12	• 0	٠.	•0	•0	• 5	٠.	-0			- 5	•0		•0	•£	- 1	- 3	
13-16	• ?	.0	.0	•0	•	٠.	•			•0	• C	•€	• 6	• €	• C	.0	
17-16	- c	•3	٠.	٥.	٠.	• (	٠,			• 0	• •			۶.	•0	•0	
50-55	-c	.0	٠.5	.0	• 2	٠.٢	. 0			٠.	. 0		•0	••	٠c	.0	
23-25	.0	٠.	•0	.0	• 5	3.	.0			٠.	.0		•6	÷:	.0	.0	
33-40		- 5	.0	.0	• 2		.0			3.	.5		.0		.0	.0	
41-48		• 7				• • • • • • • • • • • • • • • • • • • •				٠.	.0		· c		.0	.0	
49-50		ć	:>		:5	.0					.5				.0	.0	
61-70	.0	.0			Š	:5				.0					.0		
71-86	.5	3.			.:		.0			ž	.0		:5	:-	.5	٥.	
57.	:*	.č				ě				č	::		ž	:-	.3		
101 PC*	1.7	16.7	9.0	ž	,	:6	30.6			1.3	16.2		::		.ĭ	25.4	61.7
													-	-	- •		

PERIOD: (0:{#--LL; 1944-1679

是是在是一个人,是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们们是一个人,他们们是一个人,他们们是一个人,他们

TAPLE 19

PEPIOC (SEC) <6 6-7 6-9 1G-11 12-13 >13 INGET 1014L PC1 ... 1-2 16.2 2.6 1.1 .6 .0 . 3-4 16-2 7-1 2-4 1-4 -7 -0 2-4 19-6 30-2 .2 .2 .2 .1 .0 .5 5.6 6.5 3.0 1.3 .5 1.3 1211 3005 1373 702 321 155 57 405 6417 \*\* \*\*\*\*\*\*\*\*\* 1.7 7.6 7.1 .9 .1 .6 .5 2.6 . . . . . . . . . . . . . . . ....... 000000000 \*\*\*\*\*\*\*\*\*\* . . . . . . . . . . . . .1 .1 .1 ... .0.000 0000000000 .1

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	- 7 514	DT:-	, *71/	LETE	FRZC	34C e	CIMER FRI PCFN	m } *	5 (P) 1"			1.7	``	****	. •1		86434 5 - 5 * 4 5 - 5 * 4	
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					P = 1 C 1 P 1									-(4;-	tu vpt			
	G#F	RAIN	4m.2	סיי.ר	FEIN	>40-	GTHER FHZW OLE	-*1.	,	*			*	<b>,</b> ;	-1			5. •• •
	1,6,3 1,6,7 1,26,15 1,96,2,1	2.3 4.2 3.0 1.1	2.7	1.7	::	::		.,	3.	3	; ·;	:	:	:		·, .•	.1	***
	11. 251	****	1.7	1.5		٠.	•	•	*	2	.4	<b>,</b> ,	••	•		.,		٠٠.
	WAD 016	1.4	4-10 1	1-21 3	. 44%.* !2-31 *		184 QUE1		.35 .8 	C Y FOFTON EAN SOL	r.	;	- 4	4.	1,	. •	; h	•
	SE S	1.7	6.7 7.6 4.5 17.0 11.6 .0 5127 54.9	.7 2.3 4.9 2.4 	1.4 1.2 1.3 1.3 1.0 2.5 7.0			<b>*33</b> ;	12.6 7.6 6 . 15.4 17.		11.2 12.7 27.6 4.5 4.3	10.0	7.6 1.0 21.7 21.7 2.3 2.3 10.7	-1-2	11.7	\$ . 4 \$ . 4 \$ . 5 . 7 . 7 . 6 . 6 . 7 . 7	;;;	
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			-4	916 0	0-£	7-16	17-27	74	,	10*14		. " .		. ;	74	1	:,	
			10	VE SE SS VA VAD VAD VAD VAD VAD VAD VAD VAD VAD	3.7 5.5 5.0 3.2 8.0 7.0 9.3 4.3 4.3	2.7	.1 1.5 2.5 .5 .5 .6 .7 .6		-0	24**	7. 6. 2. 15. 7. 6. 18.	6 7.1 6 42.4 7 11.4 6 7.4 6 7.4 6 7.4		3-3 2-7 2-7 2-7 2-7 2-7 2-7 2-7 2-7 2-7 2-7	3.5 10.6 16.1 7.8 5.1 9.6 9.6	5.0 17.9 2115	7.3 14.2 16.7 5.5 17.0 17.0 10.7 249.	

u	L	٧

TAPLE 4

APER 0006 MANZANILLO SE 17.65 102.94

ERCENTAGE	FREGUENCY	ζF	-110	SPEFO	* 4	₩00₽	46=11

				4240	selle i	+NOTS)			ec.	TOTAL
4604	CAL	: - 3	10	. 1-71	72-3.	34-47	**	46 67	FEFC	0+5
37673	0.5	10.0	50.4	22.7	3.3	1.0	. 1	5.9	100.0	1302
35674	9.9	11.4	55.2	19.5	3.3	. •	.:	0.2	100.0	2150
12615	:	13.7	50.9	17.1	2.6	. 7		7.5	100.0	2310
1-672	12.2	15.7	53.3	17.2	2.9			7.5	100.0	2 . 91
101	671	1261	5127	1745	2en	6.0	2.1	0.0		933*
001	7.3	12.6	54.9	19.1	3. 1	. 7	. 3		100.0	

14567 4

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	POT FREG OF TOTAL CLOSS AMOUNT (ETSWENS)											•						
د	CT FRE			0100				1					CEILIN					
-vr 71+	2	•	* - 7	****	1012.	COATO CFOTA	763	150	100	***		3000	1,55	5000 6469	64 00 7996	*::::	4m (5/4 4hV my1	
	:.*		7.7	1.7			•						.:	•		.:	5.3	
ŠĒ	1.1	1.2	2.4	1.2		5.0	- 3	•		. 3	. e	. ;	.:	•	•	•	4.3	
	1.4	2.7	5.3	7.4		5.*	. 2	. 1	. 3	2.1	2.5		. :	.:		- 1	7.5	
31	1.2	2				5. *	. 3	. 1	. 5	1.7	7.2		. 5	- 1		•	9.5	
		1.7	3.4	1.4		5.6	.1	•	. 2	. 7	1.0		. 2	•		•	4.5	
5.	¢	1.5	2.			5.0	`•	٠.	.2			. 2	. 2	•		•		
			7			4.7	- 1	•	. 3		1.4	- 9		.:	. 1		12	
Ξ.	3.4		4.5						. 1	1. ~	1.1	. 7					12.9	
,,,	•••			• •		.c	, :				1.	٠.		3.	٠.		.2	
	1.0			1.2		4.3	-1	•					. 1	•	- 1	- 1		
101 014	1124	10			7122	5.1	12	32	125	44.5	764		267	26	25	35	4462	7122
	15.7	21.5					1.5	.:		6.6	11.2	•.•		.5	.3			100.5

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# COMPENSAGE NEL COMPENSAGE SAGE PROGRESHED COMPENSAGE STATE PROGRESHED COMPENSAGE SAGE STATE TRANSPORT OCCURRENCE

					45F+ 65*	,			
	(21145	: 02		: ~~	: 00	5 64	* 72	: 02	: ^&
	172 (1)	>10	>5	>2	>:	>:/3	21/4	>5070	>5
- 4	>+500	.7				. 4			
	20074	1.2	1.3	1.5	1.3	2 - 3	1.3	2 - 3	3.3
= 64	3.200	3.2	3.6	3.6	2.6	3.6	2.6	3. é	3.6
: 04	20254	7.3	8.2		9.4	4.4	6.4		
- 01	21000	26.2	10.0	16.0	\$6.5	: 6 . 5	19.5	15.5	19.5
- 0	26.00	21.5	25.3	26.2	26.3	26.4	26	26.5	24.5
: 2	35'4	*2.2	26.4	27. *	70.2	28.2	20.3	26.3	24.3
2 -	2150	22.5	27.2	28.3	26.0	24.4	26.7	28.7	20.7
: 0	v > 2	72.9	27.8	29.7	25.5	29.5	29.6	29.7	24.7
	TOTAL	14.75	2031	2172	7155	2161	2266	2172	2;73

TOTAL NUMBER OF DEST TELL

4CT FRED NH 44791 70.5

Table "a

## FENCENTAGE FREE OF LCA CLOUDS (EIC+THS)

7 1 2 3 4 5 6 7 + 08507 065

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									. VS .I		FC		
4557 (A=)	5P0 475	•	48	ŧ	SE	3	5.	•	٠.	ATO	CHE	PCT	*GT#:
	0-3	-0	.0		•0	.0	. c	٠.	-0		.0	.0	
(1/2	4-10	-6		•	•	-5	•		•	•€			
	11-71	٠.	•			•€		. 5		.0		• • •	
	22+		. c			•	.:			• :		- :	
	TOT &	٠.	•	•:	- 1	•	•	• • •	• 2	•¢	٠.	• 3	
	0-3	٠.	٠.	٥.	.0	٠.		٠.		٠.	•с		
1/2<1	IC	•	•	.0	-0	•	٠.	•	•	•6		- 1	
	11-21	•	•	•	.0	•	. ^	•	•	- 5		- 1	
	22.	-0	.5	-:	•	•		.0	.0	٠.		•	
	101 1	•	•	•	•	•	. 5	•	•	•¢	٠.	-:	
	2-3	-5	•	•	٠.	-c	•	•	.0	.0	•	•	
1<5	4-10	-3	.5	•	- 1	•	•	•	•	٠.c			
	11-71	•	•	- 2	- 1	- 1	•	•	•	٠.		• 3	
	22.	•0	.0	•	•	•0	•	•	٠¢	.0		. 1	
	ici r	•	•	•2	• 1	-:	•	• :	•	.0	•	. 6	
	C-3	•	•	•	•	-0	•	•	•	٠.	. :	.2	
2<5	4 - 1.	- 1	•	- 1	• 2	•	-:	- 1	. 1	.5		. 7	
	11-71	•	•	- 2	• 2	- 1	•	. :	• 2	٠,		٠,٠	
	22.	•	•	-2	• 2	•	•	•	•	• • •		. 6	
	101 1	- 1	- 1	• 5	••	- 1	• 2	. 3	•3	.:	• :	2.3	
	C-3	-1	- 1	- 1	- 1	- 2	•	•:	- 1	٠.	. 3	1.0	
5<13	4-17	. 4	- 3	• 0	• •	• •	. 3	. 7	. 4	• • •		4.0	
	11-51	- 1	- 1	• •	• •	. 2	• •	• 7	- 3	.0		7.5	
	220	•0	•	•	. ?	- 1	٠.5	. •	. :	• 2	_	1.4	
	101 1		-5	1.7	2 - 1		••	1.1	1.3	•0	. 3	٠.٠	
	6-3	1.7	2 - 1	1.7	1.1	1.1	1.0	2.3	2.4	.0	e.f	70.7	
10.	- 10	* - 3	3-7	6.0	0.5	* - 1	3.5	11.2	10.			\$6.1	
	11-21	•6	- 5	2.4	3.8	1.1	. 6	3.4	3.0	.0		15	
	55.	. •	. :			• •	. :	?	1	٠.		1.9	
	161 5	6.6	5 . 3	15.1	12.3	٠.٠	5.5	17.0	15.6	.0	8.4	87.5	
	C7 0*5	_				_	_						9290

JUL Y

-EPIOD: 1907-1919 1905-1919 1905-1919 1906 98873910(0.056 102.96

PERCENT FREQUENCY OF COLLING HTTCATS (FEETINH 24/8) INTO OCCUPATION OF NA (4/8 57 HOUR

300 6/2 1000 2000 5000 5000 5000 2000+ 1018, NW 544 10186 504 600 1000 304 600 500 7000 AND B SCC . CMP4 SWA COC 200 ... 5.5 17.5 5.3 \* = C ... 10:-, 5 17 818 355 100 35 148 617 1017 517 212 . - \$ 14.7 -:-: ٠;

\*btt 1. sert .?

		EFEE	· #Este	4CY 45+	1 (5")			e . Mile a B					** BA "CE"	140/06
, (' , (, , ,	\./·	/45.	147	245	5410	10.	* Tak es						NH KS/F ANE No	
166.63	. •	•	.•		•••	41.5	* 5*	•		1.5	***	••	7	.911
	.,	•			:6.4	٠	<161	****	2.4	٠.	٠,,,		(4.3	× , 5
14735	• •	.3		3.0	,	***	- ! 14		٠.,	:	٤.,	***	13.5	75,6
1 t.	- 4	• 2		2.^	547	٠	4.4	2623		٠.			**.*	. 314
101	:*	:-	•	279	,·	77.	135	* *		***	.23	175 ***	44.3	311

#EPPS. PTR MES A W MENTINELES OF TENN ESCONDERN WITH MODEL CARRY 1908 AND THE ANALYSIS OF TENN ESCONDERN WITH MODEL CARRY 1908 AND THE ANALYSIS OF TENN ESCONDERN WITH MODEL CARRY 1908 AND THE ANALYSIS OF TENN ESCONDERN WITH MODEL CARRY 1908 AND THE ANALYSIS OF THE ANALY

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JUL T

PERIOD: (PRIMARY) 1954-1979 (OVER-ALL) 1901-1979

TABLE 17

17.65 192.9-

PCT FREQ OF AIR TEMPERATURE (DFG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
WAS ATRICED TEMPERATURE DIFFERENCE (DFG F)

		VS #1	26	165	Feri		** ( * 2	*CE (D)			
AIR-SEA	65	4.5	73	77	#1	85		>42	101	•	-0
THP DIF	40	72	74	90	6-	A	92			ccc	100
14/1-	.0	.0	.0	.:		-0	•	•		•:	•
11/13	.0	.0	.0	٠.	•	•	•	. 1	16	• • •	.2
9/10	.0	٦.	.0	•		- 1	• 1	- 1	32	٠.	. 4
7/8	. o	.0	.0	•	. 1	•2		- 1	7 6	.0	1.0
6	.0	.0	.0	.:	. 1	. 2	.5	٠.	45	.0	- 4
5	.0	.0			.2	٠.	. 9	. i	15>	•	1.9
•	•0	.0	•	•		1.5	. •	•	224	••	7.8
3	-0		- 2	• 2		1.7	. 7	٠.	237	.:	2.4
ź	.0			•	1.4	3.7	.5	.0	459	•	5.6
1	.0	.0	- 2	- 1	2.0	3.9	. 2	.:	504	- 2	4.2
ē	.0	.5		. 3	7.8	5.6	. 1	.0	1136		11.9
- 1	.3	.0	•		6.3	4.0	- 1	.0	1050	.:	12.9
-2		•	.:	1.0	11.7	1.4	•	. 5	1192	•	14.5
• • •	-0	.0	•	1.3	6.7	1.0	•	٠.	920	•	11.0
-6		•	• :	2.5	6.7	.3	•	-c	785	•	4.6
-5	.0	•	- 1	2.6	3.5		.0	.ċ	598	.c	6.7
-6	.0	.0	- 1	2.4	1.2		. 0	-6	30€	.0	3.7
-7/-6	.c	•	. 6	2.3	1.0	•	.0	-6	323	-:	3.4
-9/-10	.5	.0	4.	.6	- 1	•	.0	.0	114	-0	1.4
-11/-13	.0			.2	•	. 3	.0	.0	52	-5	-6
-14/-15	•				-0		.5	.0	7	.^	- 1
TOTAL	2		176		4:54		360			7	AIRG
	-	9		1141		2076		.0	9194		
PCT	•	. i	2.1	13.9	53.6	25.2	4.4	. 5	100.0	. 1	

PEPICO: (CVER-ALL) 1963-1979

TABLE 18

PCT FRED OF LIND SPEED INTS! AND DIPECTION VERSUS SEA NEIGHTS IFT! 11-21 11-21 \*\*\*\* HGT C1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-80 81-88 94-60 71-88 44-60 71-88 74-47 30-42 PC1 2.13 4.51 7.11 100 100 100 100 13.8 22-33 HGT (1 1-2 3-9 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 24-32 33-80 41-88 49-30 61-70 71-66 87-7 70 FP 

PERIOD	: tore	P-ALL I	1443-1	474									4864	0034		ILLO SE
								TABLE 18	ICGNI	)				17.	102	.76
					1 + 462 0	F -140	SPEED	(#T51 AL	3410 C	CTICS 1	£#505 5	E4 HE16	mts ift	1		
				s								54				
#CT	2-3	N-10	11-21	22-33	34-47		PCT		1-5	4-10	11-21	22-52	30-07	***	+C1	
<1		1.1	.5			.0	1.7			1.3		.5	3.		1.9	
1-2		2.4		.0	.:	.0	3.2		•2	3.0		.5	.:	.0	3.4	
3-4	. 1	1.0		.5	.:	.c	1.7		.c	1-1	.2	.3	.0	-0	1.3	
5-6	.0	- 3	• 2	.0	.0	-0	- 5		.0	-1	.2	.0	.0	.0		
7	.:	٠.	-1	•	.5	.0	-1		.5	.0	-1	-1	.¢	-0	- 1	
4-+	٦.	-0	.c	.:	.:	-0			.5	-1	.0	.0	.0	.0	- 1	
10-11	- 2	ي.	.0	ء.		.0	.0		•5	٠.	.0	.5	. 3	.9	.0	
12	.c	-0	.:	•	•	•	- 2		.c	.0	•	٠¢.	.0	.0	•	
13-14	٠.	•:	٠.5	-1	2.	٠.	-1		٠.	-0	.0	.0	•:	-5	٦.	
17-14 20-22	.0	.0	3.	.0	• 3	.0	٠.		.: 3.	- :	.0	.c	.0	.0	.c	
23-25		3.		.5	٠.	٠.	.0			.0		٠.	.0	••	.0	
26-32	3.		.0		::	.5	.0		÷.	.5	.0	••	.;	.0	.s	
33-40	:5	::		:5	::	::	:0				::	 2.			.0	
41-44		5:	::		::	:5	.0		::	::	3.					
49-60					::	::					::			.5	.5	
61-70	2.		::						3.	::	::	::	.5			
71-44	::	.:				3.				3.		.5	.0	.5		
47-	3.		٠.				.5			- :						
TOT PET	1.1	4.5	1.3			1.	7.5			5.6	1.0				7.5	
											•					
												_				• • • • • • • • • • • • • • • • • • • •
451	1-3	10	11-21	22-33	14-47	44-	PC1		1-3	4-13	11-21	22-13	34-47		<b>*</b> C1	PCT
(1	1.1	1.6	• • • • • • • • • • • • • • • • • • • •			.c	2.4		1.1	2.3	;	``.c	1.	٠.٥	3.5	
1-2		7.5	: - 5	.0		.0	9.4		. 6	6.6	1.1	.0	2.	.0	8.7	
3-4	-1	2.2	1.1	٠.			3.4		-1	2.4	2.0		2.	.0		
4-6	•	- 5	. •	.0	•	.5	1.5		•		• •	- 1	•	.0	1.0	
7	-:	.0	• 2	- 1	.=	.0	. 3		.c		. 2	.5		.0	.2	
9-9	-0	- 0	- 1	-2		.0	. 3		٠.	••	.0	.c	.0	.5	.c	
10-11	۶.	•0	• 0	.0	. 5	-0	.0		.0	.3	.c	-0	.0	. 3	.c	
12	•0	٠.	•	.0	.9	.0	•		٠.	.0	.0	.:	٠.	.0	.c	
13-16	2.	ء.	2.	٠.	.5	.0	-6		.0	.0	ء.	-c	٠.	-9	.0	
17-16	٦.	٠c	-5	.0	٠.	.0	-c		.0	.0	٠.	٠.	•:		2.	
50-55	-5	٠.		.0	.5	.c	.0		.:	.5	.0	-0		-9	٠.	
23-25 24-32	2.	٠.5	-5	-5	.c	٠.	.:		٥.	.5	-5	-=	٠.	-с	.0	
33C	.0	÷.	3.	:5	.:	3:	:0		3. 0.	3.	3.	::	::	.5	.0	
41-48		::		::	.5	::				::	3.	3.				
44-60		::	::		::	.č	::			.3	::			.0		
61-7E	3.	::	::	::	:5	:5			.5		::	.5		.5	.5	
71-44	::		.5		::						::		.0		::	
47-				.5	::	::	::		::							
TGT PCT	1.0	11.6	4.5	.3	-:	::	14.5		2.1	11.7	3.3		- ;	3.	17.0	*1.1
												- •				

and the control of th

anne den blevere errane er en friese bete 2000 betekte fren het in de seine er gegen beskrivet

MING SPEED INTS! WS SEA MEIGHT IFT! 4-10 11-21 22-33 34-47 28.4 20 38.4 30 18.4 50 7.7 50 2.9 40 1.3 40 11.4 28.4 35.6 18.6 18.7 7.7 2.9 1.3 .5 .0 .0 .0 .0 .0 

P[PICD: (CYEF-ALL) 1949-1979 1-2 15.9 2.9 .9 .7 .0 1.5 1412 21.8 3-4 7-6 3-2 1-3 -6 1-6 1060 28-7

PERSON: (PRIMARY) 1854-1878 (OVER-ALL) 1863-1875

TABLE 1

17.75 102.5a

nerti obertschieben beginn beschieben schene beschieben bein beschieben besch

PERCENT FREQUENCY	Of	# (# T = C &	32/3440370	++	4140	C1*6C1104

			•	**{C1*1	TAT10	. 1+25					C1=E4	<b>*E</b> #IHE#	PHENS	*6%1	
F#0 01#	PAIN	PAIN SHAD	Dezr	FRES PEPN	540.	CTHER FRZN PCPN	4116	PCP4 41 CB TIPE	PCPN PAST HOUP	THOS LINE	45	FOR HO PEPM PAST HE	5#0#E ##ZE	5P24+ *L+G DUST *L+G SNC+	
•	3.3	1.0		.5	.0		.2	5.0	1.5	4.2		.0	.2	• ?	*4.1
NE.	4.6		1.7	٠.	.0			7.4	2.0		٠.	-3	- 3	.0	**.:
€	7.2	3.0	1.9			.0	-0	12.5	5.3		-1		. 3	• • •	25.4
3.6	6.3	3.7	1.2	٠.	.0	.c		11-1	4.5			- 6	. 3	. i	75.5
•	5-1	3.2	2-1		.0	.0	3.	10.2	4.3						42.6
54	3.2	2.4		.5	.0	.5		7.0	2.0	4.2		.0	. 3		
	2.6	1.5	- :	٠.	.:	.0	.0	4.7	1.2	7.5	•	,:	. 3	. 1	47.2
	2.6	1.1	- 3			٥		• • 0		,	.7		.2		*7.5
TAP			٠.5		.c	ě	.5	.0	.=	.c	3.			.0	.5
CAL-	1.0	1-1	-2	.5	-0	. 3	-0	2.5	1.5	7.0	٠.		.7	• 5	47.5
TOT PC1	4.0	2-1	1-0	-0	•=	.:	•	7.0	2.4		-1		.3	-1	*5.4

TAPLE 2

## SERCENT ENCOPENCY OF MENTINES CCCCBSENCE &= MCFF

				=FC:P1	TATIC	. 1175					\$1 <b>-</b> [5	P[1]=[2	***	-{ \ 1	
40ue 15=13	4414	2448 84[#	0921	FAZS PCPA	5464	01H[8 F22% PCP%	4416	PCP% 41 04 11-E	PCP% P457 #868	THEE LINS		/05 b0 #C#4 #451 w#	-475	30047 REAG SUST AEAG SUST	
cates	1.5	1.2	.5	.:	.5		.c	3.5	1.5	1.2	- 1	.0	.3		*2.3
CAECO	3.4	2.5	1.2			-0	.ċ	7.1	2.0	14.4					5.4
12615	4.2	3.2	1.5	.:		.5	•	12.6	3.4	12.0	ء.		. 3		71.7
16221	3.0	1.5	-7	٠.	.0	-5	-5	5.2	7-5	.5	-:	.5	.:	-1	41.5
101 PCT	4-1	2-1	1.5	.0	.2	-0	•	7.5	2-4		-1	.0	.:	-1	*3.5

14815 3

## -ENCENTAGE FREQUENCY OF AINS DIRECTION BY SPEED AND BY HOUR

		-21	o se(1		151								w0.64	(6-7)			
### DIS	0-3	1¢	11-21	22-33	34-47		TOTAL		-[44	ec	23	24	5.	12	15	14	21
							ces	**[\$	325								
	1.4			•	-3	-0				2-3	5.8	4.4	•-1	10.	3.7	7.3	5.7
•€	1.0	3-3	.7	- 1	•	•		۲.3	7.1	1.5	2.5	*.0	7.1	4.7	*.5		7.4
£	1.3	6.7	3.1	. •	-2	•		12-0	15.2	6.2	7.7	.7	4.2	15.0	12.4	10-2	14.4
SE	1-5	4.2	5.3	1.2	-1	•		16-3	15.4	14.9	15.0	15-3	14.0	12.3	25.5	14.1	22.2
3	1.2		1.3	• 2	•	•		7.2	8.3	15.5	**5	7.0	12.7	4.5	4.7	5.0	4.;
54	1.1	4.1	-1	- 1	•	-0		6.0	7.1	11.6	1.4	5.1	11-9	2.4	5.4	3.*	5.0
-	2.7	12.0	3,*	- 1	•	•		14.1	7.4	29.8	26.1	21.7	25.1	12.4	14.2	12.4	15.7
٠.	2.5	10.0	2.0	- 1	•	.:		17-2	9.3	19.8	:4.4	14.2	: • . 2	10.0	2:-+	15.4	15-2
ATS	.0	-5			.:	-3		٠.	.5		-0	-0	.:	.:	.0	٦.	.=
Cate	10-5							10.3	٠.5	4.5	4.3	12.5	4.0	13-1	5.4		
TOT COS	2112	4979	174.	224	33	1	4124		7.7	23.00	140	1444	133	1966	242	2300	:70
TOT PET	23.2	54.6	19.7	2.5		-1	1	55.5		100.0	100-0	100.0	100.0	103.0	100.0	100.0	100.0

14916 34

		-: 40	17880	INNOTS						-50		,
*** 0:3	3.6	7-16	17-27	28-48	-1-	TETAL	PCT	-[ ex	es	24	12	1.0
						CPS	**[=	SPC	£3	Ċ4	15	21
•	4.1	2-1	-2	•	.0				2.5	5.5	10.4	7.3
ME	3.:	1.4		•	•		5.3	7.1	1.5	3.2	٧.6	4.5
ť	4.5	5.7	1-2	.3	-1		12.0	10.2	4-3	4.4	13.5	14.1
\$[	5.4	2.4	2-5		•		16-3	15.9	16.8	15.4	11.7	19.5
5	3.5	3.2		-1	•		7.2	4.1	12.0	7.3	4.6	4.5
56	3.4	2.4	- :	•	-0		4.0	7.1	11.4	5.5	3.2	
	1.1	9.5		.1	•		19.1	7.4	29.4		12.4	
	7.0	2.7	,,	•	-0			*			19.3	
444				.0					.0			
CALM	18.5						12.5		6.0			11.4
TOT C#1	4643	3743	544	•2	13	*120		7.7		2000	2227	7986
101 001	52.3		4.0				100.0				150.5	

# #####

PEP1:0:	[P#]=4873	1454-1974
	COVER-ALLI	1905-1979

149LE +

AREA CODS MANZANILLO S

AND THE RECEIPTION OF THE PROPERTY OF THE PROP

PEPEENTAGE	FPECUENCY	ÇF	WIND	20660	61	#QUE	(GMT)

				8145	\$1.660	PACISI			PC1	TOTAL
<b>#</b> 025	CALM	1 - 2	4-10	11-21	22-33	34-47		-[1	FRES	ces
00103		11-6	56.9	22.2	2.1	•2	•2	4.3	100.5	2308
00609	12.1	11-1	54.7	14.4	2.3	- 3	- 1	7.7	100.0	2044
12615	14.2	12.2	54.7	:4-1	2.5		•	7.5	100.0	2227
14671	11.9	15.1	52.3	17.0	2.4		-0	7.3	100.0	2486
101	960	1152	4974	1760	224	33		7.7		9120
PCT	10.5	12.6	54.6	19.3	2.4		-1		100.0	

TAPLE 5

....

-	••••			0146		E IGHTHS 1					*{&ut*							
						~( ± 4					_					-		
e10 012	C-3	3-4	5-7		TOTAL	CLGUD	roc	15C	300	400	1000	3000	3500	5000	6500	4000-	N= (5/8	TOTAL
				06.00	cts	COACS	1~*	269	500	***	3999	3444	****	****	7454		447 WS?	CBS
	1.4	1.7	2.2	1.3		***	-1	•	-1		.5	. 7	-1	•	•	•	4.4	
NE	1.0	1.1	1.*	1.0		4.4	•	.0	-1	- 3	- 5	. 3	:	.0	•	•	3-4	
£	1.6	2.5	4.5	3.5		5.5	. 2	- 1		1.	1.7		- 3	- 1	•	•	7.2	
3.6	1.0	3.0	7-2	• • :		5.6	. 3	. 2	-5	1.4	2-1	- *	- 4	- 1	•	•	10-2	
Š	. •	1.5	3-1	1.7		5.4	.:	•	• 2	٠.٠	. 6		-2	-1	•	•		
Šu		1.*	2	1.1		5.1	-1	•		. 5		.2	•	•	•	•	4.2	
	4.4	5.5	7.3	2.3		4.5	-1	-1	. 2	1.1	1.4		.2	- 1	.1	•	.5.4	
56	3.3	9.5	5.9	1.9		4.3	-1	.1	. 2	. 7	1.4	.5	.2	- 1	•	•	.3.5	
738						.e				.e	2.			. 5	.0			
CAL-	3.0	2.	3.5	1.1		• . 2	•	•	. 1	. 5				•	•		+.5	
TOT OFS	1355	1724	2645		7035	9.4	4.7	• 1	131	524	723	277	113	39	17	26	5289	7931
TOT PET	10.2	24.5	14.1	10.1	100-0	-	1.0	- 4	1.0		10.3	Ñ.	1.4				72.5	120.5

746LE 7

#### CUMULATING PCT FREG OF SIMULTANEOUS OCCUS-ENCE OF CCILIAG MEIGHT ERM 24/83 AND WSRY (NM)

				VSBT 14P	.,			
CERLING	: C4	I 08	= 68	: :*	2 00	: 6*	: (*	: C>
iffets	>12	>\$	>>	>2	>1/2	>1/4	350+0	>2
= 0+ >4500	-5	٠.5				٠.		- •
: 0% >5000	1.5	1.1	1-1	:-1	1.1	1-1	1-1	1-1
: CR >3500	2.4	2.7	2-7	2-7	2.7	2.7	2-1	2.7
: 03 >2CEO	5.4	4.5		1.1		4.4	4-4	4.4
= 00 >1000	14.0	16-4	14-9	14-9	14.4	16.5	14.4	14-9
C24. 40 T	15.2	23.5	24-1	24.3	24.3	29.3	24.3	24.3
2 00 >220	70.3	25.2	25.9	24-1	26-1	26.1	26.2	76.2
2 CP >150	22.5	25.6	24.3	74.0	24.6	74.7	26.7	24.7
: 04 > _	20.7	20.1	27.1	27.4	27.4	27.5	27.6	27.7
TATAL	1504	1901	1944	1442	1994	2003	300.6	2011

70751 WUMBER OF CBS: 7070

PCT FRCC SH CS/8: 72-3

148LE 74

## PERCENTAGE FREG OF LOW CLOUDS (ETG-THS)

D 1 2 3 4 5 5 7 8 085CC 085 6:1 17:1 21:6 16:1 11:1 6:7 6:4 5:3 8:4 -6 7702

\*\*\*\* 500

							10	GUST							
PERIOD (PRIMARY) (OVER-ALL)							TA	6LE 8				APE	A 0006	#ARZAN1LL 7.78 102.5	
		P	RCENT		OF WIN								E OF		
VSBY (NH)		N	NE	ε	se	s	S¥	•	Nu	YAR	CALP	139	TOTAL		
<1/2	PCP NO PCP TOT 3	•	:	••	.1	•0	.0 .0	ò	•0	.c .o	.0	.1			
1/20	PCP 1 NO PCP 101 1	• • •	• •	•0	.0	• •	.0	••	.0 .0	.0 .0	• 0	.1			
1<2	PCP NC CP TO 2	•	•	.1 .0 .1	•1 •	:	o.	:	:	.0	,0	.3			
2<5	PCP NO PCP TOT &	:	:	•3	.? .1	•1 •	•1	•1	.1	•0	•	.9 .5 1.3			
5<10	PCP NO PCP TOT %	.3	.2	.6 .9 1.5	.9 1-3 2-2	.3 .5 .8	•2 •4 •7	1.3	.3	.c .c	•1 •3 •4	3.1 5.7 8.6			
10+	PCP NO PCP TOT %	.2 5.7 5.9	. 2 4. 5	9.5 9.9	.5 13.0 11.6	6.0 6.3	.1 5.2 5.4	17.4 17.6	.3 15.6 15.9	.0	•.1 •.5 •.7	2.5 86.6 87.1			

TABLE 9

TO THE PROPERTY OF THE PROPERT

					T FREO						ED		
					WITH V.	ARYING	VALUE	S OF Y	ISIBIL	114			
VSRY	SPD	N	٧E	ŧ	38	\$	Sh	¥	NW	YAR	CALH	PCT	TOTAL
(NM)	KTS												095
	0-3	.0	•0	•0	.0	.0	.0	• 0	•0	•0	• 0	.0	
(1/2	4-10		•	•		-0	•0	- 1	•	.0		• 2	
	11-21	.0	٠.۵		- 1	•	.0	-0	.0	•0		• 1	
	22+	.0		•	•		.0	•	.0	-0		. 1	
	101 1	•	•	•	- 1	•	•0	• 1	•	-0	•0	.4	
	0-3	-0	.0	•0	.0	-0	• 0	.0	.0	.0	•	•	
1/2<1	4-10	.0	•	•	-0	-0	٠.	•	.0	•0		•	
	11-21	•0	.0	•0	-0	-0	• 0	.0	.0	-0		.0	
	22+	•	•	•	-0	•	.0	•	.0	•0		.1	
	101 1	•	•	•	•0	•	•0	•	.0	.0	•	- 1	
	0-3	.0	.0		•	•0	•0	.0	.0	.0			
1<2	4-10	•0	.0	•	•	•	•	•	•	.0		- 1	
	11-21	•0	•	•	• 1	•	• 0	•	•	.0		-2	
	27+	•	•	. 1	• 1	•0	.0	•0	•	.0		.2	
	101 1	•	•	.1	•2	• 1	•	• 1	. 1	• 0	•	.5	
	0-3	•	•	•	•	.0	.0	•	•	.0	. 1	.2	
2<5	4-10	. 1	•	- 1	- 1	- 1	•	• 1	. 1	•0		•6	
	11-21	•	•	. 1	• 2	•	-1	•	•	.0		.5	
	22+	•0	•	. 1	- 1	•	• 5	.0	•	.0		. 3	
	101 2	-1	-1	. 4	.4	• 1	. 1	.1	- 1	.0	• 1	1.6	
	0-3	•	•	• 1	- 1	- 1	- 1	.2	-1	•c	. •	1.0	
5<10	*-10	• 2	• 2	• 5	• 7	- 4	• 3	. 7	.6	•0		3.9	
	11-21	-1	- 1	.7	. 9	.3	• 2	. 3	. •	•0		3.C	
	22.	•	•	.3	- 4	•		. 1	•	.0		. 9	
	101 2	.4	. 4	1.6	2 • 2	•8	• 6	1.3	1.2	•0	• •	e.s	
	5-3	1.3	. 9	1.2	1.4	1.1	1.0	2.5	2.3	.0	9.8	21.6	
10+	4-10	4.0	3.1	6.1	7.3	3.9	3.7	11.6	10-5	•0		49.9	
	11-21	.5	. 5	5.3	4.1	1-0	.5	3.5	3.4	.0		15.8	
	22+	. •		. 3	?	•2	. •	• l	. 1	•0		1.4	
	101 2	\$.9	4.6	9.9	13.5	6.2	5.3	17.7	16.0	.0	9.8	96.7	
	01 085												8872
1	OT PCT	6.4	5.1	12.0	16.4	7.2	6.0	19.2	17-3	.0	10.3	100.0	

AUGUST

PERIOD: (PRIMARY) 1954-1979 (OVER-ALL) 1900-1979

TABLE 10

APE# 0006 HANZANILLO SE 17.7% 102.9% THE PARTY OF THE PROPERTY OF T

ERCENT	FREQUENCY	QF	CEILING	HEIGHTS	CFEET.AH	24/81	AND

HOUR (GMT)	000	150 299	300 599		1000						TOTAL	NH <5/8 ANY HGT	
00603	. 6	.5	. 8	5.5	9.2	3.9	1.6	.5	. 3	.5	23.0	77.0	1978
06409	1.1	.5	1.9	6.8	11.2	3.6	1.4	.5	.1	.4	27.3	72.7	1686
12615	1.2	.7	3.1	11.0	11.2	4.1	1.6	.5	.1	.2	33.8	66.2	1764
18621	. 7	.5	1.6	5.9	8.5	3.6	1.6	. 7		• 2	23.6	16.4	2118
101					146					22	2016	5550	7566

TABLE 11 TABLE 17

		PERCEN"	REQUEN	CY V58Y	(NH)	BY HOUP		CUMULAT					VSBY (NM)	
HOUR (GMT)	<1/2	1/2(1	1<2	2<5	5<10	10+	TOTAL	HOUR (GFI)	<150 <50YD	<600 <1	<1000 <5	1000+ ANDS+	NH <5/8 AND 5.	TOTAL
00603	•1	. 1	•2	.7	5.7	93.2	2291	COEO3	.6	1.9	7.9	16.0	76.1	1924
90360	. 3	.2	.6	1.8	9.4	87.7	2131	06509	1.1	3.8	11.8	17.3	71.0	1615
12615	.5	•	1.0	2.4	13.7	82.3	2233	12415	1.3	5.4	17.7	17.7	64.5	1698
18621	.5	.1		1.3	6-6	91.2	2514	18421	.7	2.9	9.7	15.0	75.2	2035
101 PC1	33	10	49 •5	141	801	8135	9169 100.0	101 PC1	67	249 3.4	8*1 11.6	1194	5237 72.0	7272

TABLE 13 TABLE 14

	PERCI	ENT FR	EQUENC	Y OF P	ELATIV	E HUHI	DITY P	Y TEMP				FERC	ENT FA	EQUENC	Y OF M	IND DI	RECTIO	N BY I	EMP		
									TOTAL	PCT											
TEMP F	0-50	30-39	40-49	50-50	60-69	70-79	80-89	90-100	085	FREG	N	NE	£	SE	5	2 R		NH	VAR	CALM	
95/99	.0			.1	.1	- 1	.0	.0	19	. 3	.0	•	•	. 1	•	.0	•	-1	.0	.1	
90/94	.0	.0		.3	1.8	1.2	. 3		262	3.7	.2	.2	. 4	.5	• 2	-2	. 8		-0	. 4	
85/89	.0	.0			5.6	19.0	5.3	1.1	2317	32.5	1.6	1.0	2.6	4.2	Z - 1	2.3	8.4	6.6	.0	3.4	
80/84	•0	.0	•	.2	2.6	21.7	27.3	4.1	3981	55.8	4.0	3.3	7.4	9.6	4 - 1	3.0	9.0	9.1	.0	6.3	
15/79	.0	-0	.0	•C	•	.6	3.3	3.7	538	7.5	.5	. 5	1.6	1.9	. 9	. 4	. 8	• 6	.0	.3	
70/74	• 0	.0	.0	•0	.0	.0	. 1	.2	16	• 2	•		•	. 1		•	•	•	.0	.0	
65/69	.0	.0		.0	•0	.0	.0	•	1	•	•0	•0	.0	.0	-0		.0	.0	.0	.0	
TOTAL	0	1	5	65	732	3C29	2655	647	7134	.00.0											
PCT	-0		- 1	. 9	10.3	42.5	37.2	9.1			6.3	5.0	12.3	16.3	7.2	6.0	19.2	17.2	.0	10.4	

TABLE 15 TABLE 16

	MEANS,	EXTREME	ES AND	PERCEN	TILES	OF TE	4P (DE	G F) 8	Y HOUR		PEPC	ENT FRE	CUENCY	OF RELA	TIVE H	MIDITY	84 HOR	2
HOUR (GHT)	MAX	968	<b>\$5</b> %	501	St	11	#1N	HEAN	TOTAL	HOUR (GMI)	0-29	30-59	60-69	70-79	8D-89	90-100	PEAN	TOTAL
00103	99	72	90	85	80	77	68	84.9	2353	00603	.0	. 9	14.8	51.7	26.9	5.7	77	1873
06609	91	8.8	85	83	78	75	72	\$2.7	2161	60390	.0	. 5	3.7	39.4	46.4	10.0	81	1753
12615	90	#6	85	82	77	75	69	81.6	2294	12615	.0	- 1	2.9	27.9	53.7	15.4	6.3	1755
18621	99	93	40	85	79	76	68	85.0	2551	18621	.0	2.3	17.7	49.5	24.4	6.1	76	2011
101	99	• 2	59	84	78	75	68	83.6	9359	101	0	72	750	3146	2750	674	79	7392

AUGUST

PERIOD: (PPIMARY) 1954-1979 (OVER-ALL) 1900-1979

TABLE 17

FREA 0506 PANZANILLO SE 17.7N 102.96 A CANADA CONTRACTOR OF THE PROPERTY OF THE PRO

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE OCCUPRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE OIFFEPENCE (GCG F)

AIR-SEA	65	69	73	77	61	85	89	>92	101		40
THP DIF	68	72	76	80		88	92			FOG	FOG
17/19	•0	•0	. n	.0	.0	.0		.0	1		
14/16	•0	.0	٠.	-0	.0	•	•	.0	2	.0	
11/13	.0	٠.0	•0	.0	.0	•	•	.1	14	• 0	.2
9/10	.0	.0	.0	•0	- 1	. 1	.2	. 1	33	·c	. 4
7/8	٠.	.0	.0		. 1	. 3	. 4	• 2	72	.0	. 9
6	.0	.0		.0	•	.2	.5	- 1	6.3	.0	. 8
5	.0	.0	-0	.0	. 2	.6	. 0	- 1	176	.0	1.6
4	.0	.0	.0		. 3	1.0	1.0	•	190	.0	2.4
3	-0	.0	.0		.2	1.6	1.:		228	.0	2.9
2	.0	.0		. 1	1.3	3.3	.7	. 0	434	•	5.4
1	-0	.0	•		2.4	4.6	. 4	•	516	.0	6.5
0	.0	.0	•	• 2	5.2	7.0	.2	•0	1000	•	12.5
-1	.0	.0		. 3	6.9	4.9	. 2	.0	97¢	٠.	12.3
-2	-0	.0		. 7	10.3	3.0	. c	.0	1116	.0	14.0
- 3	.0	.0	.0	1.1	4.3	1.7	•	.0	889	.0	11.2
-4	.c	.0		1.7	8.1	.6	.0	.0	832	•	10.4
-5	-0	.0	- 1	2.2	4.7	. 3	.0	.0	584	•	7.3
-6	.0	.0	. 1	2.1	2 - 1	.1	.0	•0	348	. 2	4.4
-7/-8	.0	.0		2.7	1.4	• 1	.0	•0	364		4
-9/-10	-3	•	. 4	. 6	. 2	.0	.0	.0	112	, n	1.4
-11/-13	.0	•	. 3	. 3	- 1	• 0	.0	•0	53	٠.	.7
-14/-16	.0		•		.0	.0	•0	·c	9	.5	.1
-17/-19	•		-0	-0	.0	.0	.0	.0	2	•0	•
TOTAL	1		112		4056		430		_	5	7961
		6		980		2328		52	7966		
PCT		- 1	1.4		50.9	29.2	5.4	. 7	100.0	-1	99.9

PERICO: (OVER-ALL) 1963-1979

TABLE 18

				PC	T FREQ O	F alno	SPEED	INTS) AND DIPE	CTION Y	ERSUS S	FA HEIG	HTS (FT)	,	
											46			
HGT	1-3	4-10	11-21	22-33	34-47	41.	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	5	1.3	•••		. c		1.6	.;	1.2		.0	34.41		1.5
1-2	.4	2.4		•0	.5	.0	2.9		1.9	.;	.0		.0	2.5
3-4	.0	. 6	.7	•0	•0		. 8				.0		.0	.,
5-6	.0	.1		.0	.0	.0	.2	•0	• • • • • • • • • • • • • • • • • • • •				.0	:1
7	.0	•	•0	•	•0	.0		.0		.;	•0	'n	.0	::
8-9	.0	.0	.0	•0	•0	.5	.0	•0	.0	·:	.0		.0	:6
10-11	.0	.0	•0	.0	.0	.0	.0	•0	.0	.0	.c	.c	.0	
12	.0	.0	. 5	.0	• 0	.0	.0	•0	•0	.0	•0	.0		
13-16	.0	.0	.0	٠Ċ	•0	-0	.0	•0	.0	•0	.0	•0		.ŏ
17-19	.0	.0	.0	.0	•0	.0	.0	•0	.0	•0	.0	• 9	•0	.0
20-22	.0	.0	.0	.0	• 0	.0	.0	• C	.0	.0	.0		-0	.0
23-25	-0	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26-32	.0	•0	•0	• 0	.0	.0	.0	•0	.0	.0	.0	.0	•0	.0
33-40	•0	• 0	• C	.0	• 0	.0	.0	.0	•0	.0	.0	.0	.0	.0
41-48	•0	•0	.0	•0	•0	• 0	.0	.0	.0	•0	.0	.0	.0	.0
49-60	•0	.0	٠,	• 0	• 0	.0	. c	•0	.0	•0	.0	.0	.0	.0
61-70	.0	-0	•0	.0	•0	.0	.0	•0	.0	.0	.0	.0	.0	-0
71-86	•0	•0	•0	•0	•0	• 0	•0	•c	•0	.0	.0	-0	.0	.0
87+	•0	. 0	•0	•0	٠.	-0	.0	.0	.0	•0	.0	•0	•0	.0
TOT PCT	.9	4.6	• 3	• 1	•0	٠0	5.9	•5	3.7	.9	•	٠.	.0	5.1
				£							SE			
HGT	1-3	4-10	11-21	22-33	34-47	48.	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	.5	.9	•	.0	• 2	.0	1.5	6	1.5			•0	.0	2.2
1-2	.5	3.8	1.1	•0		-0	5.5		3.7	1.4	.0	.0	.0	5.4
3-4	•	1.5	1.7	•0	•0	.0	3.3	.2	2.4	2.8	.2	.0		5.5
5-6	-0		1.4	- 1	•	.0	1.9	•	. 4	1.7			.0	2.5
7	.0	• 2		• 3	•0	.0	.8	•0	- 1	.7	. 5	.c	.0	1.3
8-9	•0	.0	• 2	•2	•0	.0	- 3	•0	- 1	• 2	• 2	.0	.0	.5
10-11	•0	.0	•0	. 1	•0	.0	- 1	.0	•0	-1	• 2	.0	.0	
12	•0	.0	.0	- 1	•0	.0	- 1	.0	•0	.0	-1	•	.0	. 1
13-16	-0	٠.	.0	.0	•0	• 0	.0	•0	•0	- 1	•0	.0	•0	. 1
17-19	•0	.0	•0	.0	• 0	٠٥.	. 3	•0	.0	.0	.0	•0	•0	•0
20-22	•0	•0	•0	.0	•0	•	•	•0	.0	.0	•0	•c	.0	•0
23-25	•0	.0	• 6	•0	•0	- C	٠.	•0	•0	•0	.0	.5	.0	.0
26-32	.0	.0	•0	.0	• 0	.0	•0	•0	.0	.0	.0	.0	.0	•0
33-40	•0	•0	9.0	•0	• 0	-0	.0	•0	.0	•0	.0	•0	٠0	.0
41-45	•0	-0	•0	•0	•0	٠.	.0	•0	.0	•0	•0	•0	-0	.0
49-60	٠.0	•0	•0	.0	•0	•0	.0	•0	.0	-0	•0	•0	.0	.0
61-70 71-86	•0	•0	•0	•0	•0	.0	•0	•0	.0	.0	•0	•0	•0	.0
87+	.0	.0	•0	•0	•0	٠,	•0	•0	.5	.0	•0	• (	•0	.0
101 PCT	1-1	6.9	.0	•0	•0	•0		.• <u>c</u>	.0	.0	.0	•0	.0	•0
	* • 7	0.7	4.8	. 8	•	•	13.7	1.2	2.1	7.1	1.6		-0	10.1

PER100:	(OVE	-466)	1963-1	979					AUGUST				AREA	0006	MANZAN	ILLO SE
								TABLE	18 (CONT)					17.	74 102	.9w
				PC	T FREQ OF	LIND	SPEED	(KTS)	AND DIREC	110N	VERSUS S	EA HEIG	HTS (FI	,		
HGT	1-3	4-10	11-21	S 22-33	34-47	48*	PCT		1-3	4-10	11-21	55-32 28	34-47	48+	PCT	
<1	. 4		.0	.0	• 3	٠.	1.0		. 1	. 6		.:	•0	.0	. 0	
1-2	. 3	2.6	. ?	.0	• C	.0	3.2		.2	2.2		٠.	.0	.0	2.7	
3-4	•	1.3	.7	.0	.0	•0	2.0		•	. 7		• 0	.c	•0	1.1	
5-6	•	. 5	. 4	. 1	• C	٠.	1.0		•	- 2		•0	. c	•0	. •	
.7.	•0	. 1	.4	• 1	• 0	.0	. 6		.0	-0		•	.0	•0	• 1	
8-9	.0	•	•	• 1	.0	.0	• 1		.0	.0		•0	•¢	•0	:	
10-11	.0	•0	:	•	•0	٠.	• 1		•0	.0		•0	.0	•0	.0	
12 13-16	.0	.0	3.	•0	.0	.0	.0		.0	.0				.0	.0	
17-19	.0	.0	.0						:0	.0			• 2		• 0	
20-22	.0	.0	.0	.0		ö	.0			:0				.0	.0	
23-25	.6	.c				ě	.0						ìè	.0		
26-32	.0		·ö				. 0		.0	.0		.0			-0	
33-40	.0			.0	• 0	.0	.0		.5	.0		.0	· è		.0	
41-48	.0	. 0	.0	.0	• 0	.0	.0		•0	.0		•0	•0	.0	.0	
49-60	.0	.0	.0	.0	•0	. 0	.0		.0	.0	0	•0	.0	.0	.0	
61-70	.0	. C	.0	.0	.0	.0	.0		.0	.0	0	• C	• r	.0	.0	
71-86	.0	.0	.0	.0	• 0	• 0	• • •		.0	-0		•0	• C	.0	• 0	
87*	·r	.с	• 0	.0	• 3	•0	.0		.0	.0		•0	•0	.0	• 0	
TOT PCT	.7	5.2	1.8	. 3	•0	•с	8.0		.4	3.8	1.0	-1	٠,	.0	5.2	
												NE				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PC 1		1-3	4-10	11-21	22-33	35-47	48+	PCT	PCI
<1	1.2	2.2	•	.0	* C	• C	3.4		1.0	2.0		.0	• 0	•0	3 - 1	
1-2	. 9	4.9	1.4	•0	. C	•0	7.1		.8	5.5		٠,	.0	.0	7.8	
3-4	• 2	3.2	1.6	•	.0	•0	5.3		- 1	2 - 2		•	9.0	.0	4.2	
5-6	•0	. 4	.7	-1	.0	-0	1.1		.0	• 2		. 1	.0	.0	1.2	
. 7	•0	• 1	• •	• 2	•	.0	.8		٠.	-0		•	•	.0	• 3	
8-9	•0	.0	•0	•0	•¢	٠ç	.0		.0	.0		3.	•0	.0	.0	
10-11 12	•0	.0	.0	.0	.0	.0	.0		.0			.0	.0	.0		
13-16	• C		3.	.0	.0	.0	٥.		.0			.0	::	.0	:6	
17-19		::	.0		.0	.0	.0					.0		.0	.0	
20-22		.0	.0				.0		.0			.0	.0			
23-25	.0	ž.	.0	.0	: 6		.0					.0		.0	.0	
26-32	.c	.0		·c			.0		.0			.0	è.		.0	
33-4D	.5				.5	3.			.0			.0	î.	.0	.0	
41-46	.0	.0	5.	.0	.5		.0		.0			.0	9.	.0	.0	
49-60	•0	·c	.0	•0		.0			.0		) .c	.0	.0	.0	.0	
61-70	.0	.0	.0	•0	.0	. 0	.0		.0			.0	• C	.0	.0	
71-86	.0	.0	.0	.0	.c	.0	.0		•0			.0	٠.	.0	.0	
87.	.c	.0	.0	•0	.0	•0	.0		.0	-0		.0	• 0		.0	
101 PC1	2.3	10.6	4.3	• 3	•	-C	17.7		1.9	10-0	*.*	•2	•	.0	16.6	90.4

	WIND	SPEED	(FTS)	VS SEA	HE IGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48.	PCT	101 065
<1	15.2	10.3	• 2	.0	.0	-0	25.7	•07
1-2	4.6	26.9	6.0	č.	.0	.0	37.5	
3-4		12.1	9.5	. 3		.0	22.4	
5-6	. i	2.2	5.1			.0	8.3	
7	•0	.6	2.2		- 1	.0		
8-9	•0	. 1	. 4		.0	.0	1.0	
10-11	•0		• 2	. 3		.0	.6	
12	.0	.0	.0	. 1		.0	• 2	
13-16	• 0	.0	• 1	•	.c	.0	-2	
17-19	•0	.0	.0	.0	•0	.0	•0	
20-22	.0	.0	.0		.0		•	
23-25	•0	. 5	.0			.0	.0	
26-32	.0	.0	.0			.0	.0	
33-4C	.0		.0			.0	.0	
41-48	.0	.0	.0			.0	.0	
49-6C	.0	. 5	-0			.0	.0	
61-70	.0	.0	.0			.0	.0	
71-86	.0		.0			. C	.0	
67.	.ŏ	.0	٥.			.0	.0	
		•••		•••		• • •		2119
101 PCT	20.5	52.2	73.7	3.3	.2	•	100.0	

PERIO	D: (CY	ER-ALL	194	9-1979					INGLE	19											
					PERCENT	FPE	DUENCY C	F WAY	/E HEIG	SHT (F)	t) VS I	AVE PE	PIOD	SECON	12(						
PERIOD	<1	1-2	3-4	5-6	7	8-9	10-11	12	14-16	17-19	20-22	23-25	26-32	13-40	41-48	49-60	61-70	71-86	<b>e</b> 7•	TOTAL	MEAN
₹6	6.1	15.8	12.9	5.0	1.9	. 7	.5	. 1	. 2	•		.0	.0	.0	.0	.0	.0	.0	.0	2782	3
6-7	• 2	2.8	7.6	7.0	2.9	1.2	. 9	. 5	. 3	•	•	.0	•	.0	.0	.0	.0	•0	.0	1501	5
8-9	•	1.1	3.4	3.4	5.6	1.7	. 4	. 3	.2	. 1	•	.0	.0	.0	.0	.0	.0	•0	.0	834	6
10-11	.0	.5	1.3	1.1	.6	.6	. 3	. 1	. 1	. 1		.0	.0	-0	.0	.0	.0	.0	.0	302	6
12-13	.0	. 5	.,	. 4		.2	. 1		•	.0		.0	.0	-0	•	.0	.0	.0	.0	118	6
>13	.0	•	.0	.5	- 2	• 1	. 1				•	.0	.0	.0	.0	.0	.0	.0	.0	58	7
INCET	7.2	1.5	1.7	1.3	. 6	- 3	. 1			.0	.0	.0	.0	•	.0	.0	.0	.0	.0	823	2
TOTAL	871	1391	1774	1196	59C	269	183	6.6	55	16		9	1	1	1	C	0	0	0	6422	•
139	13.6	21.7	27.6	14.6	9.2	4.2		1.0	. 9	. 2	. 1	.0	•	•	•	.0	.0	.0	.0	100.0	

SEPTEMBER

PERIOD: (PPIMAPY) 1954-1979 (OVER-ALL) 1885-1979

TABLE 1

APER 0006 PANZANILLO SE 17.60 102.98 

PERCENT FREQUENCY	CF	MEATHER	OCCURRENCE	84	WILD	DIRECTION

			P	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHENO	HENA	
WNO DIR	PAIN	RAIN SHER	ORZL	FRZG PCPH	SNOW	CTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THOR LING	FOG 60 PCP4	FOG WO PCPN PAST HR	SMOKE HAZE	SPPAY BLWG SHOW BLWG SHOW	NO SIG WEA
N	6.1	2.8	.9	.0	.0	.0	.0	9.4	3.2	4.7	.0	.0		•c	42.5
۸E	8.0	3.8	2.9	.0	.0	•0	•0	14.4	5.3	4.9	•0	.0	.5	.0	75.0
3	10.1	4.7	1.7	.0	.0	.0	.0	16.3	7.3	3.7	• 0	-0	. 1	. 1	72.0
SE	9.2	4.6	2.4	.0	.0	.0	.0	15.9	6.5	3.3	- 1	- 1	- 1	•	74.2
Š	7.1	4.3	2.0	.0	.0	.0	.0	13.0	3.5	2.4	• 0	.0	.0	.1	81.4
Š.	7.1	3.5	2.9	.0	.0	.0	.0	13.3	5.7	3.2	.0		. 3	•0	77.8
¥ .	4.4	2.0	1.1	.0	.0	.0	.0	7.4	4.4	5.1		.0	.2	.0	83.5
NV	3.9	1.8			.0	.0	.0	5.3	2.9	5.7	- 1	.0		.1	84.7
VAR					.0	•0	.0		.c	•0		.5	.0		.0
CALH	1.2	1.2	1.0	.0	.0	.0	.0	3 . 2	1.7	6.8	• 1	.0	. 4	• 5	87.9
101 PC1 101 085:	6.2	3.1	1.6	.0	.0	•0	•0	10.7	4.6	4.5	•	•	• 2	•	90.2

TABLE 2

PERCENT FREQUENCY OF MEATHER OCCURRENCE BY HOUR

							,	MET OF ME		MENCE	p, nou				
			•	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHENO	MENA	
HOUR (G#1)	RAIN	RAIN SHUR	DRZL	FRZG PCPN	SNOW	GTHER FRZN PCPN	MAIL	PCPR AT 08 TIME	PCPN PAST HOUR	THOR LTNG	FOG BO PCPN	FOG WO PCPM PAST HR	SMCKE H#ZE	SPRAY BLUG DUST BLUG SHOW	NO SIG NE A
00603 06609 12615 16621	6.5 9.3 4.8	2.2 3.5 4.3 2.4	1.4 1.5 1.9 1.5	.0	.0	• 0 •	.0	8.0 11.3 15.2 8.5	3.0 5.5 6.7 3.5	1.1 10.5 7.9	.0 .1 .1	.0	•2 •2 •2	.0 .1 .0	67.9 72.8 70.7 67.1
TOT PCT TOT 085:	6.2 8711	3.1	1.6	.0	.0	.0	•0	10.6	4.6	4.8	• 1	•	•2	•	80.0

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WHO DIP	0-3			22-33		48.	TOTAL OBS	PCT FREQ	HE AN	20	03	06	60 11008	(G=T) 12	15	10	21
ĸ	1.3	3.3	- 5	•	.0	•0		5.2	6.4	2.0	4.3	4.6	2.6	8.1	7.0	6.2	4.6
NE	1.0	3.0	.6	. 1	•	•		4.6	7.3	1.5	4.9	3.7	3.3	7.7	9.1	4.9	10.0
٤	1.3	5.0	3.6	1.0	.2	•		12.1	11.2	6.7	11.2	10.2	15.0	15.3	15.4	15.4	15.5
SE	1.2	7.8	5.9	1.6	.2	•		16.8	12.2	18.0	20.7	15.3	19.5	13-1	16.3	19.4	22.
5	1.3	4.6	1.*	• 3	•	•		8.3	9.0	13.2	10.6	8.2	6.9	4.6	6.7	7.0	9.2
SW	1.0	4.5	1.5	. 2	•	•		7.4	8 - 8	11.1	8.5	7.3	13.0	5.2	4.8	5.5	7.0
¥	2.4	11.8	5.5	- 6	•	.0		20.3	9.2	28.0	21.4	21.9	21.7	15.3	17.8	15.9	14.9
NW	1.9	10.0	3.9	. 2	•	.0		16.1	8.6	:3.1	14.0	18.0	11.6	10,5	17.9	15.2	*.8
VAP	.0	.0	.0	.0	.0	.0		-0	•0	.0	-0	.0	.0	.0	.0	.0	.0
CALM	9.2							9.2	•0	6.4	4.2	10.6	6.3	11.1	5.4	10.4	3.6
101 085	1859	4640	2117	383	51	7	9057		4.7	2175	168	1974	127	1953	240	2275	165
TOT PCT	20.5	51.2	23.4	4 • 2	• 6	.1		100.0		100.0	100.0	100.0	100.0	100.0	160.0	100.0	100.0

TABLE 3A

		WIND	SPEED	(KYOTS)						HOU	(G#1	,
HO DIR	0-6	7-16	17-27	28-46	41.	TOTAL	PCT	"EAN	00	Ce	12	14
						045	FREQ	5P0	03	09	15	21
4	3.2	1.9	. 1	•	.0		5.2	6.4	2.2	4.5	4.0	6.1
NE	2.5	2.0	• 2	•	•		4.6	7.3	1.7	3.7	7.1	5.3
E	4.2	5.5	2.0	. 4	•		12.1	11.2	7.0	10.5	15.3	15.4
SE	4.7	7.9	3.4		•		16.8	12.2	18.2	15.4	13.4	19.4
s	3.5	3.9		. 1			6.3	9.0	13.0	8.1	4.9	7.2
Sw	3.3	3.4	. 5	. 1	•		7.4	4.4	10.9	7.7	5.2	5.6
ú	4.1	10.3	1.0	. 1	.0		20.3	9.2	27.5	21.9	15.6	16.1
RW	7.0	6.0	1.0	. 1	.0		14.1	4.4	13.2	17.4	19.3	14.6
YAP	.0	.0	.0	.0	.0		.0	.0	•0	.0		
CALM	9.2	•					9.2	.0	5.2	10.4	10.5	4.1
101 085	4135	3869	883	159	11	9757		8.7	2343	2101	2173	2440
107 PCT	45.7	42.7	9.7	1.6	.;		100.0	•••			100.0	

SEPTEMBER

PERIOD: (PRIMARY) 1954-1979 (OVER-ALL) 1885-1979

TABLE 4

APEA COOL MANZANILLO SE 17.6N 102-9# 

PERCENTAGE FPEQUENCY OF WIND SPEED BY HOUP IGHT	ERCENTAGE	FPEQUENCY	OF	WIND	SPEED	84	HOUP	CGMT
---	-----------	-----------	----	------	-------	----	------	------

				<b>BIND</b>	SPEED (	KNOTSI			PCT	TOTAL
HOUR	CALM	1 - 3	4-10	11-21	22-33	34-47	48.	MEAN	FREO	06:
00603	6.2	9.2	53.4	25.3	5.0	. 8	. 1	9.5	100.0	2343
06609	10.4	11.2	49.7	24.2	4.1		•	8.7	100.C	2101
12615	10.5	10.7	52.4	22.2	3.9	. 3	- 1	8.3	100.0	2173
1 * 6 2 1	9.9	14.1	49.5	21.9	3.6		•	8.4	100.2	2440
101	834	1025	4640	2117	383	51	7	8.7		9057
PCT	9.2	11.3	51.2	23.4	4.2	.6	. 1		100.0	

TAPLE 5

TABLE 6

P	CT FPE			LOUD A		E IGHTHS )							CEILIN					
P10 CPW	¢-3	3-4	5-7	8 £	101AL 085	MEAN CLOUD COVER	000 149	150 299	300 599	600 999	1000	2000	3500	5000 6499		-	NH <5/8	
N	1.0	1.4	1.9	1.0		4.8	•	- 1	. 1	.5	.5	.2	.2		•	.0	3.8	
NΕ	. 7	1.2	1.5	1-1		5.1	. 1	•	. 1	.6	.6	. 2	. 1	•	•	•	2.9	
E	1.2	2.3	4.5	3.6		5.7	.2	•2	.5	1.6	1.9	.4	. 3	-1	•		6.4	
SΕ	1.3	3.1	7.7	4.7		5.8		•2	.7	2.1	2.6	. 0	. 4	.1	•	-0	9.2	
5	.9	1.9	3.7	2.2		5.6	.2	•	.2	1.1	1.0	.5	.2	.1	•	•0	5.4	
Sw	1.1	1.4	2.7	2.1		5.5	• 2		.2	. 9	1.1		.2	.1		•0	4.1	
	3.1	5.0	9.5	4.2		5.1	. 3	- 1		2.1	2.4	1.1	. 3	. 2		.0	13.9	
NW	3.2	4.2	5.7	2.6		4,7	.2	• 1	.2	1.0	2.0	. 7	. 2	.1			11.2	
PAV	•0	.0	. 3	.0		.0	.0	• 5	.0	.0	.0	·c	.0	.0	.0	•0	.0	
CALM	2.5	2.6	3.5	. 0		4.2	.1	•	- 1	. 5	. 7	. 2	• 2	•	•		7.5	
TOT OBS	1020	1579	2709	1530	6637	5.2	105	46	173	716	879	312	136	44	12	5	4407	6637
101 PC1	14.9	23.1	30.6	22.4	100.0	· <del>-</del>	1.5	.7	2.5	10.5	12.9	4.6	2.0	.6	• 2	• 1	64.5	100-0

TABLE 7

## CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NH >4/8) AND VSBY (NM)

						VSPY CHM	1)			
	CI	EILING	= OR	= CP	= OR	= OR	T OR	= OP	= OR	= 08
	(	FEETI	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
=	OR	>6500	.2	• 2	•2	.2	.2	.2	.2	.2
=	OR	>5000	. 6	.9	.9	. 9	. 9	. •	.9	.9
:	08	>3500	2.4	2.8	2.9	2.9	2.9	2.9	2.9	2.9
=	OR	>2000	6.2	7.2	7.4	7.4	7.4	7.4	7.4	7.4
2	OR	>1000	16.2	19.3	19.9	20.1	20.2	20.2	20.2	20.2
:	0R	>600	23.0	28.9	30.1	30.4	30.5	30.5	30.5	30.6
:	ÓR	>300	24.3	30.4	32.4	32.9	33.0	33.1	33.1	33.1
=	0R	>150	24.6	31.3	33.0	33.4	33.7	33.7	37 4	33.8
=	OR	> 0	24.9	32.2	34.1	39.9	35.C	35.1	35.2	35.3
		TOTAL	1749	2259	2398	2449	2462	2468	2475	2477

TOTAL NUMBER OF CBS: 7026

PCT FREQ NH 45/8: 64.7

TABLE 7A

## PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

C 1 2 3 4 5 6 7 8 085CD 085 3-3 12-6 18-6 16-7 12-4 8-3 8-8 6-1 11-7 1-0 7486

SEPTEPBER

PERIOD: (PRIMARY) 1954-1979 (OVER-ALL) 1985-1979

4584 (MM) 0-3 4-10 11-21 22-101 1 1<2 22. 101 f 245 1.0 3.9 1.0 .1 2.4 1.1 5.2 2.5 .5 101 025 101 PC1 8.3 7-3 20-2 16-2 4.6 12.2 16.9

SEPIEMBER

PERIOD:	(PRIMART)	1954-1979
	LOVE BOALL S	1445-1070

TABLE 10

AREA COOL MANZANILLO SE

PERCENT	FREQUENCY	QF	CEILING	HEIGHIS	CFEET.AM	24/81	AND

HOUR [G=1]	000 149	150 299	300 590				3500 4999				TOTAL	NH (5/8 ANY HGT	
00003	. 9	. 6	2.6	4.2	12.7	4.1	1.8	.7	•2	.0	31.6	64.2	1984
36604	1.4	••	2.4	11.2	12.9	4.6	2-2		•2	.1	35.4	64.1	1611
12615	2.5	.7	2.7	13.7	13.9	٠.٠	2.2	-5	-1	.2	41.0	59.0	1693
18621	1.2	.7	2.5	\$.1	10.1	4.4	1.7	.9	.2	-1	29.4	70.6	1990
TOT PCT	106 1.5	• • •		736 10-1	696 12.3		142	• 5 • 6		. 5 . 1		4789 65.8	

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY 4284	(NK)	84 HOUR		CUMULAT					4584 (4#) 1,24 HOUR	
HOUR [GP] }	(1/2	1/2<1	1<2	2<5	5613	10.	TOTAL	HOUR (G#1)	<150 <50¥0	<600 <1	<1000 <5	1000+	NH (5/8 AND 5-	TOTAL
00663	-1	.3	.9	2.3	5.4	88.3	2325	00603	.•	*.*	13.0	19.7	66.9	1914
06609	.•	. 3	. 9	3.0	12.3	43.1	2131	90109	1.5	*.6	17.2	20.0	62.4	1547
12615	.6	.3	1.2	4.1	16.4	77.4	2179	12615	2.6	6.2	21.6	21.1	57.3	1635
14621	.5	•2	1.0	2.7	9.0	46.6	2424	10021	1.1	٠.٠	13.6	16.0	49.5	1926
101 PC1	35	26 .3	+0 1.0	272 3.0	1033	7605 63.9	9061 100-0	101 PC1	10.		1145	1354	4525	7026 100.0

\*#8LE 13

TABLE 14

	PERC	ENT F	PE QUE!	er i	OF P6	LATIV	NUT1	0114 e	T TERP				P[#[	ENT FF	E DUE NC	7 OF #	140 DI	RECTIO	h 87 T	EMP	
TEMP F	0-29	30-3	40-4	9 5	0-5+	60-69	70-79	80-89	10-100	1014L	FREC FREC	N	٩E	€	SE		Sw	•	46	YAR	CALM
15/99	.0		,		. 1	. 1	.0	-0	.0		-1	.0	.0	•	•					.0	.0
90/94	-0		•	. 0	. 2	1.1		- 3	. i	182	2.6	.2	.1		.2	.1	-1			.0	
85/89	3.		•	•	- 2	4.1	15.0	4.3	- 4	1715	24.3	1.0		2.0	3.9	2.0	1.4	6.1	4.3	• 0	2.4
83/54	•0		9	•	- 1	1.0	22.3	30.2	5.5	4235	40.0	3.2	2.9	7.0	5.6	5.0	4.0	12.0	10.1		
75/79	.0		٠.	. 0	.0	.0	. 7	5.0	4.9	444	12.6		.,	2.4	2.8	1.2	1.2	1.0	1.0	.0	.6
70/74	.0			. o	.0	.0	.0	- 1		39		•	•	. 1	•		.1	.1	.1	.0	
TOTAL			9	2	33	508	2751	2806	963	7063	100.0					•••	•••			•••	
PCT	.0		0	•	.5	7.2	38.9	39.7				5.2	4.7	11.9	16.6	8.5	7-1	20.4	14.1	.0	1.9

TAPLE 15

TABLE :6

														0.2				
	"E4NS.	EXTPEM	CS 440	PERCE	TILES	OF TE	4P 10E	6 5) 8	* HOU#		PEPC	ENT FRE	CUENCY	OF RELA	TIVE H	U#10117	97 405	•
H01.R 15 H11	-41	992	952	501	51	11	*1*	PEAN	TOTAL	HOUR	0-24	30-59	60-65	70-79		+0-102	"EAN	TOTAL
00103		+1			78	76		#3.e	2395	20.05	.0	. •	8.4	44.4	33.4	1.5	79	1950
12615		87 46	45	42 41	77 76	75	72	81.9	7145 7233	00109 1211	3. 0.	-2	3.C	31.6	52.9		*2	1762
19621	* 5 9 8	*3	*0	84	7.6 7.7	75 75	67	64.3 67.9	7469	18121	.0	1.2	14.4	44.4	25.5		77	1483
	7.	7.		•,	"	.,	••	64.2	9252	101	c	35	514	2039	2914	**;	*0	1284

438#31432

PERIOD: (PRIMARY) 1954-1979 (OVER-ALL) 1885-1979

TABLE 17

AREA COCH MANZANILLO SE 17.6% 102.9% 

								• • •					• • • • •	• • •
CT	FRES	OF AIR	TEMPE							CE OF F		1001 P	RECIPITA	104
		AIR-SE			73 76	77 80	81 84	85 88	69 92	>45	101	FOG	#0 F0G	
		17/19	.0	.0	.0	-0	.c	.0	٠	.0	2	.c	•	
		14/16	.0		. 0	.0	.0	•	.0	•0	1	.0	•	
		11/13	.0	.0	.0	.0	•	•	. 1	. 1	16	.t	•2	
		9/13	.0	-0	.3	-0		- 1	- 1	- 1	23	••	. 3	
		7/8		.0	.0	•	•	- 1	. 3	- 1	45	.0	.6	
		ŧ	.0		.0	.0	. 1	. 3		- 1	65	.0		
		5	.0	-0	.0	.0	- 1		. 7	•	102	.0	1.3	
		•	.0	3.	.0	•	. 3	1.2	. 8	•	147	. ė	2.4	

PERIOD: (CVER-ALL) 1963-1979

TAPLE 18

				PC	T FREC	OF WIST	SPEED	INTS! AND DIRE		FRSUS S	FA NF 16	MTS (FT)		
											42			
HGT	1-3	**10	11-21	22-33	30-07	48-	PC;	1-3	4-10	:1-21	22-33	39-97		PCT
<1	- 6	. 9	-0	.0	.0		1.6		1.0		.0			1.5
1-2	• 2	1.5	-1	.0			1.6		1.2	. 3	-6	.c		1.4
3-4	.0		.1	.0		.0	7.7	ů.	.5	. 3				
5-6	.0	. 1	.1	.0	.0	-0	.2		•		-0	.c	.5	
1	.0			3.		.č		.0		3.		.č		
4-9	.8		.0	.0				9.		·				
10-11	.0	.0	.0	.0		.0	.0	· č		3.	-6			,č
12	.5					.c		.5	-5		.0			.5
13-16							.0		-0	.0		÷		
17-19			9.	.0				ž.		.0			.0	
20-22	.0	3.	ā.						::	·.č		.c		.5
23-25	.5		.0		.5			3.		. č		.5		
26-32	•0					3.		3.		.č		.5		::
33-40	.0							-0			.5			
91-48					.5		.5	.ŏ	.5					
49-40					::	::		.0				3:		.č
61-70	-0		•0	.0			.č	3.						
71-86	.5			.0			.5		2.			::		:5
47+	.5							.0			.5			
101 PC1	.,	3.2					4.5	.;	2.7	.,				•
	•		•		•••	••	•••	••		• •	••	••	••	***
				ť							5€			
#67	1-3	4-10	11-21	22-33	39-97		PC 1	1-3	4-10	11-21	22-33	30-07		PC1
<:		1.3					2.1	·.;	1.5		· · · c		5	2.2
1 - 2	-5	3.2	• 3	.0	.0	.0	3.7	.;			.0		.0	5.0
3-4	• 2	٠.,	1.6	.1	.5		7.7		1.1	7.1			.0	3.5
5-6		.,			.5		1.1	-0	3	1.4	.;	.5	.č	2.4
7			.3		.0					•:;	::		-6	1.7
8-1	.0								.0			::	-0	.,
10-11	.0	.0	. i	.1		-c		.0	.0			.,	.0	
12	.0	-0	.0	.1		.0	.1	.5	.0		.1			
13-16	.0		.0		•	.0	•	•6		.c			.0	
17-19	.0				.5		. i	.5	.5	.0			.5	
20-22	.0	2.	.0			.c	.c	.0			.,	.5		-:
23-25				3.	.š				::	.č	::			::
26-32	.0		.0	.0				.5	.5	.5				::
33-90	.c	.5	.5	.5				.0				::	.5	
41-48	.č			:6	.5		::	3.		·		.č		.6
44-40			.c		:č	.5		-5		.0		::	.0	3.
41-70	.6	3.			.0				.5	::	.5	:6		
71-96								::		::	ä	:5		::
47+									::	:5	:5	3.	::	::
101 PCT	1.7	5.4	3.4	1.0			11.1	1.1	7.4	5.1	2.0		.0	17.3
			,		•	•••			,	***	4.0	• •	••	3

P{@100:	tovr	R-41.63	1963-1	679				sc	PTEMPER				AREA	2004	-44744	ILLO SE
								TABLE 1	4 (CGNT)	,					N 102	
				•c	1 FPE0 0	WIND	SPEED	EKTSI A	ND DIREC	1164 1	tesus s	EA HEIG	HTS (FT)	)		
				5								36				
HGT	1-3	4-10	11-21	27-33	34-47	**:	PCT		1-3	4-1C	11-21	22-33	34-47	48.	PCT	
<b>(1</b>	.4	. 8	• 2	.0	.0	.c	1.0		• •	1.2	.0	•0	3.	.0	1.7	
1-2 3-4	• •	2.6	- 5	.0		9.	3.4		• 3		.,	.0		•0	3.4	
5-4	.1	1.7	.9			.0	2.7		-1	1.3	.5	•1	.0		2.0	
7	.0	::	:3	.1					.0	::	• • • • • • • • • • • • • • • • • • • •	.1	.1	.0	::	
8-0		::	• • •	:ċ	::		•:		.0	.2	::	::	.0	-0	:3	
10-11	٠.			.1			.1		.0		•		ě		•	
12	÷			::	.0	:č	::		.č		.0		•••		·	
13-16			::		- 0		.;				.0	.1		.0	•1	
17-19											.0					
20-22		.0	.č		. 5		.5				.0	.0	.0	.0		
23-25	.0	.0	.0	.0	.0	.0	.0			.0	. C	.0	.0	.0		
26-32	.0	.0	٠.	.0	.0		.c			.0	. c	.o	.0		.0	
33-40	.0	.0	.0	.0	. c	.0	. 0		.0	.0	.0	.0	.0	.0	.0	
41-48	.c	-0	.0	.0	.0	-0	.0		.0	.0	.0	-0	.0	.0	.0	
49-60	.0	.0	.0	-0	.0	•0	.0		.0	. 0	.0	.0	.0	-0	.0	
61-7C	.0	· c	.0	.0	-0	-0	.0		.c	.0	.0	.0	• • •	•0	.0	
71-06	.0	٠.	•0	-0	.0	٠.	.0		-c	٠.	.0	-0	.0	-0	.0	
47-	.0	-0	.0	.0	.0	.0	.0		-c	-0	.0	.0	-0	.0	.0	
101 PC1	.•	5.4	2.5	.3	•0	-0	*.1		.,	5.6	1.7	. 3	.1	•0	8.6	
												44				TOTAL
#GT	1-3	4-10	11-21	22-33	34-47	***	PCT		1 - 3	4-15	11-21	22-33	34-47	48+	PCT	PCT
<1	1.3	2.0	•	.5	. :	-6	3.3		.5	1.8	.2	.0	.0	.0	2.5	-
1-2		6.6	1.2	.1	.0	-0	6.7		- 3	4.3	. 4	.0	.0	۰0	5.5	
3-4	.2	3.1	2.6	.0	.0	.0	6.0		- 1	1.9	2.5	- 1		.0	4.5	
5-6	.0		2.0	.2	.0	-0	2.8		•2	.5	. 9	.2	•0	.0	1.7	
?	.7	-2			. 3	-0	1.2		.0	- 1	. •	-1	• C	-0		
8-9	•0	-0	.0	•2	.0	-0	.2		.0	.0	.0	.0	-0	•0	.0	
10-11	.0	-0	.0	.0	. 3	-0	.5		.0	.0	•0	۰.	-0	-0	.0	
12	.0	٠.	.0	.0	•	-0	•		-0	.0	•0	-0	.0	-0	.0	
13-14	••	.0	.0	.0	.0	-C	.3		.c	.0	•0	.0	•0	-0	.0	
17-19	.0	.0	.0	-0	• • •	- C	.0		.:	-0	-0	٠0	.0	-0	-0	
20-55	•0	-0	-0	.0	• 3	-0	•0		-0	.0	.c	-0	٠.	-0	-0	
23-25	.0	.0	-c	.c	• • •	-0	-0		٠.	-5	.0	.0	.0	•0	.0	
26-32	-0	-0	.5	.0	.:	-0	.0		-0	.0	.0	.0	٠.0	-0	.0	
33-40	.5	٠.	-0	-5	.0	-0	٠.		-6	.0	.0	.0	.0	.0	.0	
41-44	٠.	٠.	-0	.0	.0	-5	.0		.0	•0	.0	.0	.0	•0	.0	
49-60	-6	٠.	-0	-0		-0	-0		•0	-c	•6	-0	• •	•0	.0	
61-70	•0	.0	.0	.0	-0	•¢	-0		.0	-0	-0	.0	••	-0	-0	
71-86	.0	.c	٠.	.0	.0	-0	.0		-0	-5	.c	.0	.c	•0	.0	
E7.	2.0	17.5	.0	.0		-0	22.2		1.0	.0	***	.5	3.	.0	19.9	91.9

	#I%D	500	(#25)	WS 5E4	ME IGHT	<b>(FT</b> )		
+61	0-3	·-10	11-21	22-33	34-47	48+	PCI	101 285
(1	14.5	10.7		-0	.0	-6	25.6	
1-2	3.6	26.2	4.4	.1	.0	.0	34.2	
3-4	. •	10.7	10.4		-0	-0	12.4	
5-6	-2	2.0		. 6	-1	.c	4.7	
'n	.0		2.5	1.3		.0	•.•	
1-9				.4		.c	1.7	
10-11	-0		.2	. 5	-1	-¢	.7	
12	.0			.2	- 1	.0	. •	
13-1+	.0	-0			- 1			
17-15		-0		.1	- 1	٠.	-2	
20-22		.0		-1	- 0	-6	-1	
23-25	٥.	.0	.0		-1	-0	.1	
26-32		.c	.5			-1	-1	
33-40	.0	- 5	٠.	-0		.0	.0	
41-46	-0	.0	.0	-0			.0	
39-45	.0	.0	.5				-0	
41-70	-0	.0			-0		-3	
71-86			.0				-C	
47.	.0						-5	
								1975
*** ***				- 4				

PE#10	D: 101	[9-4 <u>1</u> [	1 199	9-1979					T#BLE	14											
					*****	f #ES	UENCT :		E #616	,41 IF	13 TS	444E P	C014	(SECCN	057						
#E#100	<:	1-2	3	5-6	1	8-1	10-11	12	13-16	173	20-22	23-25	24-32	33-40	*1-**	49-66	61-70	72-86	67-	TOTAL	#[46 T3#
<6	4.4	23.5	13.5	5.8	1.7		-5	-1	•	.0	-5	.5	-0	-0	.c	.0	-0	.0		2576	3
6-7		2.0	6.7	4.1	4.3	1.4	. •	- 5		. i	.0	.0	-0	.0	.0	.0	-0	.0	.0	1503	5
9-1	•	. •	2.9	3.0	2.7	1.5	. •	.5	.5	.2			•	٠.	-0	- 0	-0	.0	.0		
19-11		. ;	1.0	1.0	1.1		. 2	-2	.2	-1	•	•	.0	-0	.0	.0	-0	.0	-0	324	
12-13				7.7		.2	.1		.2		•	.5	.0		.0		.0	.0	٠.	129	
>13	.0		-6	.3	-1	•	.2	•	- 1	•		.0	- 1	.0	.0		-6	.0	.0	57	11
15067	4.3	1.2	1.4	1.4			- 1	-1		- 1		•		.0	.c		.0	.0	- 0	752	2
TOTAL	710	1146	1459	1330	671	324	145	101	97	26				5	٥		c	8		6262	•
957				21.2		5.2	1.1	1.4	1-5		- 3	- 1	- 1		- 6	2	-0		0	100.0	

OCTOBER

PERIOD: (PRIMARY) 1954-1979 10VER-ALL) 1872-1979

TABLE 1

APER CCOS PANZANILLO SE 17.64 102.96 one and the first of the following the state of the second control of the second secon

PERCENT FREQUENCY OF MEATHER OF	OCCURRENCE PY	WIND DIPECTION
---------------------------------	---------------	----------------

					ENCEN			** *******	CCCORRENCE		NO GI-	201104			
			•	486191	IATIO	N TYPE					CIME F	WEATHER	PHEND	HE41	
WAD DIR	PAIM	PAIN SHER	DRZL	FRZG PCPN	SHOL	OTHER FRZN PCPN	MAIL	PCPN AT OB TIPE	PCPN PAST HOUR	THOP LING	FOG WO PCPN	FCG 60 PCPM PAST HP	SMORE	SPRAY BLUG DUST BLUG SHOW	
N	2.6	2.1	1.0	.0	.0	.0	.c	5.7	1.5	4.5	- 1	.0	.7	.0	87.7
ME	5.0	1.0	1.3	.0	- c	.0	.3	7.4	2.6	6.7	.0		- 4	.0	03.0
ſ.	6.5	3.5	1.3	.0	.0		.1	11.3	5.4	4.1	.0	.0	4.6		76.1
3.6	4.5	2.7	1.1	.0	.0	.0	.0	8.3	6.5	3.9	.0	.0		.0	60.6
s	3.1	1.4	2.0	. 2	.0	.0	.0	6.6		3.4					44.9
Sw	2.4	1.7	1.2	.0	.0	.0	. 2	5.5	3.4	2.9		.0	. 3		\$7.6
	1.5		. 3	.0	•0	.0	.0	2.5	1.4	4.3	- 3	.0	. 5	.0	90.9
Na	1.5			.c		.0		2.6	1.5	4.0		.õ		.0	91.5
YAR	.0	.0	.0	.0	•0	.0	.c	- 0	•ċ	.0	.0	.0	.0		.0
CAL#		.3	.5	.0	.0	.0	-0	1.6	1.0	5.6		.0	1.4		♥C.5
101 PC1 101 085:	2.7 8471	1.4		.c	.0	.0	•	*.6	2.0	4.3	-2	.0	.7	•	47.4

#### TABLE 2

## PERCENT FRECUENCY OF WEATHER OCCURPENCE BY HOUR

			•	RECIPI	14110	A TYPE					CTHER	****	PHENS	MENA	
HOUR (G™T)	RAIN	RAIN Shur	ORZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	MAIL	PCPH AT GB TIME	PCPN PAST HOUR	THOR LTMG		FOG WO PCPN PAST HP		SPRAY BLMG DUST BLMG SMOW	
00603	1.5	1.0	.7	٠.	-0	.0	-0	3.2	1.7	1.2	-2	٠.		.0	93.4
06809	3.0	1.5	. 9	.0	•0	.0	•	5.3	2.5	1.1	. 3	.5	. 4	.0	92.9
12615	4.5	2.5		.0	.0	.0	.0	7.7	4.3	4.4	. 3	-0		.1	74.6
18621	2.1	1.0	.7	-0	•0	٠.	•	3.4	2.6	-3	•	.0	. 4	-0	42.6
101 PC1	2.7	1.4		.0	-0	.0	•	٠.٠	2.1	*.*	-2	.0	.6	•	47.2

#### ....

### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		#1×	D SPE	(D 18-2	15)								HCUP	1541)			
MMD DIS	8-3	4-10	11-21	22-33	34-47	44.	TOTAL	PCI	PEAN	20	83	Ce	29	12	15	16	21
							085	FREG	570								
	1.5	4.7		•	-0	•		7.5	6.7	2.4	3.0	7.3	7.5	11.6	1.4	1.4	e
NE	1.0	3.7		. 1	•	•		5.2	4.7	1.4	5.0	3.1	6.5	9.6	4.7	6.4	9.0
E	1.2	5.3	2.2	. 7	•2	•		1.6	10.3	\$.5	5.4	7.4		12.5	13.4	12.7	12.7
SE	1.	5.4	2.6	. 7	- 1	•		11.C	*	11.1	14.6		7.2	5.4	10.1	13.0	14.1
s	1.1	4.1	1.0	. 2	.0	•		4.3	7.6	9.2	5.3	4.4	4.4	3.7	2.7	6.1	5.2
Su	1.1	4.2	. 7	. 1	•	•		4.2	7.3	11-1	7,9	5.6	4.1	3.4	5.4	4.4	5.0
	7.5	14.1	4.7	. 3	•	•		22-1	1.4	33.3	26.3	23.9	29.4	15.1	18.2	15.4	10.4
No.	2.7	13.1	4.2	. 2	•	•		20.2	4.2	17.4	22.4	22.7	21.0	22.5	24.4	18.7	22.0
418		-0	.0	.0	• • •	.0		.0	.0	.0	-0		٠.	-c	.0	.0	
CALP	11.9							11.9	.c	7.7		14.2	6.5	14.3	7.6	13.0	5.6
TOT CBS	2296	4483	1505	204	32	16	9036		7.4	2156	151	2229	107	1922	232	2315	144
TOT PCT	25.4	55.1	14.7	2.3		• 2		100.0		100.0	100.0	100.0	100.0	103.0	100.C	100.0	100.0

TABLE 34

		HIND	SPEED	(#4015)						4001	15-1	,
WAD DID	Q-6	7-14	17-27	28-40		TOTAL	PCI	PEAN	93	06	12	1.
						C93	FREC	SPD	23	54	15	71
	9.5	2.7	. 1	•	•		7.5	6.7	2.9	7.3	11.3	8.5
ME	3.2	1.7	-2	•	•		5-2	6.7	2.1	3.2	4.7	4.1
£ _	4.0	9.0	1.2		-1		1.1	10.3	5.5	7.5	12.6	12.7
ŠE	4.5	4.4	1.4	.3	•		11.0	1.1	11.3	9.7	4.4	23.8
Š	3.4	2.5	. 3	•	•		4.3	7.4	•.0	4.3	3.6	4.1
Su	3.6	2.4	.2	-1	•		6.2	7.3	10.9	5.0	3.6	4.5
v	9.4	11.4	1.0		•		22.1	1.4	32.6		15.4	14.1
40	4.7	10.2	1.0	. i	•		20.2	0.2	17.7		22.5	14.9
YAR	0	3.		.0	-0		2.	• 6	.c			3.
CAL	11.+						11.9	٠.	7.4	13.6	13.4	12.4
TET DES		2584	481	+3	:2	9036	••••	7.4	2307	2116	2150	2459
141 951	41.7	19.7	4.1	1.0	.,		100.0			100-0		

OCTOBER

P(RIOD: (PPIMAPT) 1454-1979 104[R-#LL) 1872-1979

TABLE 4

APER OCOS MANZANILLO SE 17.6% 102.9%

PERCENTAGE PREQUENCY OF SIND SPEED BY HOUR (GHT)

				WIND	SPEED C	KNOTSI			PCT	TOTAL
<b>~cu</b> R	CALM	1-3	4-10	11-21	22-33	34-47		PEAN	FREC	065
00103	7.8	10.8	50.6	10.0	2.3		• 1	9.0	100.0	2307
OLLCS	13.4	12-1	52.8	18.6	2.3	.2	. 3	7.5	100.0	2116
12615	:3.6	13.4	56.4	13.9	2-2	. 4	• 2	7.0	100.0	2154
	12.6		52.9	14.3	2.2	. 4	- 1	6.9	100.C	2459
101	1074	1272	4983	1505	20*	32	14	7.4		9036
	11.9	13.5	55.1	16.7	2.3	. 4	. 2		100.0	

TABLE 5

TABLE &

P	CT FPE			1010		E IGHTHS)		1					CEILIN NH (5/					
680 01R	0-2	3-4	5-7	e £	TOTAL	COVER COVER	000 149	150 299	300 599	400 999	1000	2000 3499	3500	5000	4500 7999	•000+	4H <5/8 8HV HGT	
	2.9	1.4	1.9			3.7	.1	•	•	. 3	-6	.2	- 1	•	•	.0	4.2	
NΕ	1.7	1.2	1.3			4.1	-1	•	- 1	. 3	. 4	- 1	•	•	•	.0	3.9	
1	1.6	1.9	3.0	7.4		5.1	- 1	- 1	.3	1.0	1.1		. 3	•	•		5.7	
št	1.7	2.5	4.1	2.6		5.2	.1	-1	. 3	1.3	1-2	-6	.2	-1	•	٠.	7.0	
	1.3	1.*	2.4	1.1		4.7	•	-1	- 1	.5		- 3	- :	•	•	.0		
5 8	1.7	1.4	1.0	1.1		4.4	•	•	- 1	. 3	.5	• 2	-2	•	•	•	4.6	
	7.5		5.2	2.0		3.8	.1	- 1	.2	1.1	1.7	. 5	. 3	•	•	•	10.2	
Ξ.,	9.0	5.4	4.1	1.7		3.5	.1		.2	.7	1.1	.5	. 1	- 1	•	.0	17.3	
VAP				3.0			.0	.0		.0	.0		.0	٠.	-0	.0	-0	
CALP	5.1	3.5	2.5	.,		3.3	•	•	.1	.2		- 3	-1	•	.0	.0	10.7	
101 CES	2243	1980	2016	438	7077	4.1	49	29	106	396	550	232	104	29	11	2	5559	7077
TOT PCT	31.7	26.6	28.5	13.3	100.0		.1		1.5	5.4	7.5	3.3	1.5		.2	•	78.6	100.0

TABLE 7

# CUMULATIVE PCT FREG OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NM 24/8) AND VSBY (NM)

						VSAY (4P	,			
	-	ILING	2 04	: CP	= 00	= 08	= 08	: CR	: CR	: CR
		£71)	>10	>5	>2	>1	>1/2	21/4	>5010	>0
=	02	>5500	.2	.2	.2	.2	•2	.2	-2	.2
:	02	>5600	.5	•5	. 6	.6	- •	-6	-6	
:	CR	>3500	1.7	2.0	2.1	2.1	2-1	2.1	2.1	2.1
		>2000	4.3	5.1	5.2	5-2	5.3	5.3	5.3	5.3
		21000	10.4	12.7	13.1	13-1	13.2	13.2	13.7	13.2
		2620	19.3	17.7	18.5	18.4	10.4	16.7	18.7	18.7
		>300	15.0	14.9	19.4	20.C	20-1	20.1	20.2	20.2
		2150	15.2	19.2	20.2	20.4	20.4	20.5	20.6	20.6
		> 0	15.4	19.5	23.7	20.9	21.0	21.1	21.2	21.2
•		TOTAL	1125	1424	1509	1526	1536	1541	1549	1549

TOTAL NUMBER OF DBS: 7297

PCT FPEC SH (5/8: 78.0

146LE 74

## PERCENTAGE FREE OF LOW CLOUDS SESSMENSS

7 1 2 3 4 5 6 7 8 0FSCC 085 8-2 20-5 22-3 17-2 10-1 5-2 5-5 2-9 6-3 -5 7721

PERIOD: (PRIMARY) 1954-1979 (OVER-ALL) 1977-1979

APER 0006 -ANTANILEC SE 17.6% 102.9%

ALL) I	972-1979						7.4	Sit 4					27.5	٠ :
		PI	CACENI						1988 4C			CL₽9{^C †*	F QF	
V58Y		•	45	e	SE	5	\$=	•	4.5	*4*	Cata	•:1	1014.	
	PCP	•	.:	- 3	•	•	.5		•	.0		. 2		
(1/2	40 7(F		•	•	•	.5	.s 3.	٠.	.:	٠,	.0			
	ICI 1	•	•	- 2	•	•	.0	•	•	.0	.5	.2		
	PÇP	•	•	•	•	•		•	.0		.0	.:		
2/242	80 PCP	.0	.0	.:	•	•		.:	.0		.\$	•		
	101 1	•	•	•	•	•	•	•	••	.0	.:	- 1		
	PCP	•	- 1	. :	•	•						.3		
142	NO PEP	.0	•	•	•	•	•	.5	:	.0	.:	.:		
	101 1	•	•:	- 1	- 1	•	•	•	•	•:	.0	••		
	PCP	- 2	- 3	.2	.2	•	- 1	- 1	- 1	٠.	•	. •		
2<5	43 454	.0	•	-2	-2	- 1	. 1	-1	•	٠.		.,		
	161 1	- 1	. :	••	. •	• ;	- :	-7	• 7	٠.	•	1.5		
	PCP	.2	. 2		. 3		.:	-2	.7	٠.		1.5		
5<:0	40 PEF		. •	1.0	1.1	.5	.5	1.1	1.7	.5		5.4		
	101 2	- 5	. 5	1.4	1.4	. 7	.5	2.3	2.4	•0	- 5	*.*		
	252	-1	- 1	.3	. 3	• 2	- 1	-2	.,	.5		1.4		
10-	40 000	6.7		7.4	4.7	٠.٠	5.3	26.5	14.7	. 0	11-1	67.7		
	101 1	5.8	4.5	7.7	4.1	٠.6	5.4	20.7	15.4	• • •	:1.7	4*.*		
	101 095													
	TOT PCT	7.5	5.2	*	11.0	5.4	••7	22.2	35.5	.=	::.0	165.5		

	•	I ** **	**:45	するしょくら	Ct AI	51 <b>-</b> 11	7 7	
16	E	st	\$	\$-	•	**	***	C#L=
.5	.c	•	-0	ء۔	.0		.:	٠.
•	٠.	.:	٠.:	٥.	•	•	-5	
-0	•	•	•	-5	•	•		
.6	- 1	•	.:	٠.:	.:		٠.	
•	- 1	•	•		•	•	•:	.:
٠.		.=	٠.	.:	. 5	•	.0	٠.

					-	-				-			
*597	190	*	NE.	ŧ	5.0	3	5-		**	*10	CSL=	FCT	TOTAL
[40]	475												0.5
	5-3	-8	.5	٠.	•	-0	ء۔	.0	-0		٦.	•	
<1/2	4-10	•	•	ء.	.:	٠.	-6	•	•	.0		- 1	
	11-21	-5	-0	•	•	•	-5	•	•			-:	
	22.	-7	.5	- 1		.:	.:	.:		.:		- 1	
	101 1	•	•	- 1	•	•	-6	•	•	•:	.:	.2	
	¢-3	-0	٠.	. :	.=	٠.	.:	ة د	•	.0	٠.	•	
1/2<1	4-10	•	- :	-5	•	.5	•	•		٠.		- 1	
	11-71	-5	.0	•	•	٦.	. :	-0				•	
	22.	•	•	.5	•	•	•	•	.0			- :	
	TCT 2	•	•	٠	•	•	•	•	•	-5	٠.	. 2	
	C-3	.0		٠.	.5	ء.		.=	.c	.:	•		
1<2	4-15	•	•	•	•		•	•	•	.5			
	31-21	-0	•	•	•	•	•	•	•	- 5		-1	
	22+	•	•	- 1	•	.0		.:	•	.:		- 3	
	101 5	•	•1	-:	- 3	•	•	-1	-1	.:	•	-5	
	3-5	-=	-0		•	•	•	•	•	-c		- 1	
245	4-15	•	-1	-:	-2	•	. :	- 1	-:	-0		.5	
	11-71	- 1	•	2	-2	•	•	•	-1	٠.			
	22.	•	•	-2	- 1	•	*	•	•	.:			
	Tel 3	-1	- 1	••	• >	-1	- \$	-7	.2	٠.	•	1.7	
	C-3	-1	-1	-1	- 2	•1	. :	.2	.2	ء.	. 5	1.4	
5<12	4-10	. 3	- 3	-5	-3	- 3		. 7		٠.		3.4	
	11-71	- 1	-1	- 5	.5	•2	- 3	. 1	. 3	.:		2.7	
	22+	•	•	- 3	-2	•	•	• •	•			.7	
	101 1	-5	. 6	1	1	.;	••	1.5	1.4	•0	٠,	6-3	
	0-3	1-6	- •	1.1	1.4	1.0	1.0	2.6	2.5	.3	11.5	23.4	
;5-	4-10	•.•	2.3	4.7	5.1	3.7	3.0	13.3	12.1			50.4	
	11-21	. 7	- 3	1.5	1.0	.7	-5	*-3	3.7	-2-		:3.6	
	72*	•	•	- 3	. •	-1	- 1	. 5	- 1	-6		1.3	
	161 2	4-4	••5	7-1	+.5	5.5	5.4	25.5	19.4	.0	11-3	**.5	
	101 0#5												9776
	101 001	7-4	5-2	*	11-2		4-2	23-1	75-1	.:	11-4	155.5	

0010850 PEPIGD: (PPITART) 1954-1976 10YER-SUL) 1872-1979 49E# 0006 HANZANILLO SE 17-64 102-9# TABLE 10

PERCENT FREQUENCY OF CEILING MFIGHTS (FEFT, NH >N/8) AND OCCUPATION OF NH <5/8 BY MOUR

deta. - 3 12615 10621 405 579 236 110 5.3 7.6 3.1 1.4

1451C 11 14816 12 CUPULATINE PCT FREC OF RANGE OF MS94 (AP) AND/OR CEILING NGT (FEFT, AM DA/B).91 MOUT PERCENT FREDLENCY SSSY 19H3 2F HOUR 162 265 5710 10+ 10TAL 0P5 MGUR C150 C600 C1000 1000+ 6H C5/8 TOTAL 16-13 C50VD C1 C5 A605- A60 5- 9PS 00503 2294 00603 1934 DACES 12615 10621 7.4 101 101 PC I 202 640 425 2.6 9.0 12.7

\*49LE 13 TABLE :-PERCENT PRECUENCY OF RELATIVE HUMIDITY BY TEMP 6 .1 175 2.0 1770 20.5 4667 40.0 556 7.7 25 .3 7210 100.0 .? !-. !-. !-. .3 2.4 4.6 1.6 .C • .1 .1 .4 .5 1.5 6.7 5.3 3.4 14.0 13.4 .6 .7 1.1 • .C • -1 1-1 3-2 ......... ...... ........ 5.0 4.5 10.5

144LE 15 148LE 16 #248 15=11 25403 74403 12415 18421 181 74 74 75 74 75 3. 66 91 95 97 .5 .2 .1 1.5 84 85 80 90

OCTOBER

PERIOD: (PRIMARY) 105%-1979 APEA 0006 MANZANILLO SE 17 17.6N 102.9w

PCI FRED OF AIR TEMPERATURE (DEG F) AND THE OCCUPRENCE OF FOG (WITHOUT PRECIPITATION) VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	69	73	77	81	85	9	>92	101	•	W.C
TMP DIF	72	76	80	84	8.8	92			FCC	FOG
14/16	.0	.0	.0	.0	.0	•	•	4	.0	- 1
11/13	.0	.0	.0	•	- 3	•	- 1	11	.0	- 1
9/10	.0	.0	•0	. 1	- 3	- 1	- 1	24	.0	.4
7/8	.0	.0	.0	- 1	. 2		• 1	62	.0	. 6
•	.0	.0		- 1	• 2	. 3	•	52	.0	. ?
5	-0	.0		.2	. 6	. 7	•	124	.0	1.6
	.0	.0		.4	1.4	. 6	•	206	.0	2.6
3	.0	.0	•	.5	1.7	. 5	.0	218	.c	2.7
2	.0	.0	- 1	1.5	3.7	. 3	-0	441	. 1	5.5
1	.0	.0	- 1	2.3	3.9	• 1	•	510	•	6.4
0	.0	.0	. 3	6.1	4.8	- 1	• 7	1046	. 1	• 1
-1	-0		. 3	9.1	3.3	•	.0	1004		. 6
-2	.0		1.0	13.0	1.5	.0	•0	1232	•	15 5
- 3	.0		1.5	8.9	. 9	.0	.0	900	•	11.3
-4	.0		2.5	7.4		• 0	.0	622		10.4
-5	.0	- 1	2.2	4.2	. 1	•0	. c	519	.0	6.5
6	.0	. 1	2.0	1.4	• 1	• ¢	.0	290	. C	3.7
-7/-8	.0	.5	2.4	. 9		. c	.0	313	.0	3.9
-9/-10	•		. 7	.2	-0	• 0	•0	110	.0	1.4
-11/-13	•	. 3	- 1		.0	.0	.0	36	.0	.5
-14/-16	.0	•	•	•	-0	.c	•0	6	. C	. 1
TOTAL	4		1044		1815		35		17	7915
		127		4647		260	-	7732		
PCT			11.1	60.4	22.0		. 4	100.0		00 .

PER100: (0VER-ALL) 1963-1979

TABLE 18

PCT FRED OF WIND SPEED (KIS) AND DE-FECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	1 -10	11-21	22-33	34-47	48+	PCT	1-3		11-21	22-33	34-47	49.	PCT
<1	1.0	1.5	. 1	•0	.0	.0	2.7		7	•	•0	.0	-0	.9
1-2	. •	3.0	• 2	.0	.0	•0	3.6	-1	1.8	• 2	-0	.0	.0	2.1
3-4	•	. 9		- 1	•0	.0	1.4	.0	5	.2	• 13	••	•0	.7
5-"	.0	-2	• 2	.0	• 0	-0	.5	.0		. 2	- 1	•0	.0	. 3
7	.0	•0	.0	•0	.0	-0	.0	.0	0.	. 1	- 1	.0	.0	. 1
8-9	7	•0	.0	.0	.0	-0	.0	•0	1	.0	-0	•0	.0	- 1
10-11	.0	.0	.0	•0	.0	.0	.0	•0		.0	-0	.0	.0	.0
12	.0	•0	.0	.0	.0	.0	.0	.0	0.	.0	•0	٠,	.0	•0
13-16	•0	•0	.0	•0	. 0	-0	.0	.0		.0	•0	•0	- 1	- 1
17-19	•0	•0	•0	• 0	. 0	.0	.0	.(	.0	.0	•0	.0	• 0	• 0
20-22	٠.٥	-0	.0	•0	.0	.0	.0	-0		-0	•0	• 0	.0	.0
23-25	•0	•0	•0	•0	• C	-0	• 0	.0		• 0	•0	• 0	.0	.0
26-32	.0	•0	.0	.0	•0	• 0	.0	-(		.0	•0	•0	.0	•0
33-40	.0	•0	.0	.0	•0	-0	.0	.(		.0	•0	.0	.0	.0
41-46	•0	.0	.0	•0	.0	0	.0	•(		• • •	+0	•0	.0	.0
49-60	.0	•0	•0	•0	.0	- 0	.0	• (	0.	.0	-0	.0	-0	•0
61-70	.0	•0	.0	•0	.0	.0	.0	•0		.0	•0	.0	٠.	.0
71-86	.0	.0	.0	.0	•0	.0	.0	.0		.0	•0	• 0	-0	.0
87+	•0	•0	.0	•0	•0	•0	•0	-(		•0	-0	• •	.0	•0
tot PCT	1.5	5.7	. 9	• 1	•c	-0	8.1	• :	3.1	.6	• 1	•0	• 1	4.2
HGT	1-3	4-10	11-21	£ 22-33	34-47	48+	201	1-		11-21	55-32 2E	34-47	48+	PCT
(1	•6	1.1	.0	•0	• 0	•0	1.8	• (		•	•0	٠.	•0	1.6
1-2	.3	2.8	• 2	•0	•0	•0	3 - 3	• !		• 2	•0	•0	.0	3.7
3-4	•0	1.0	1.0	- 1	.0	-0	2.2	• !		1.1	- 1	•0	.0	1.8
5-6	• 0	• 2	. 3	•2	• C	C	.,	.(		. •	•2	. 1	•0	1.3
7	.3	• 1	. 4	•1	• C		• 5	-6		. 3	• 1	• 0	•0	-6
8-9	.0	•0	- 1	•1	• 0		• 2	•1		• 1	• 2	•0	-0	. 3
10-11	•0	.0	.0	. 1	• f	-	• 1	•		.0	-1	•0	•0	- 1
12	•0	.0	•0	• •	• .		٠,	•1		.0	•0	. 1	•0	• 1
13-16	•0	•0	•0	- 1	• (	_	- 1	.1		•0	• 2	• 1	•0	• 2
17-19	•0	•0	.0	.0	.0	.0	•0	•		•0	•0	.0	•0	•0
20-22	•0	•0	٠.	•0	•0	•0	•0	• (		.0	40	•0	.0	•0
23-25	•0	•0	٥	٠,	.0	•0	•0			•0	•0	.0	•0	•0
26-32	•0	•0	•0	•c	.0	•0	• 0	• (		.0	•0	.0	•0	.0
33-40	•0	•0	•0	•0	• 6	•0	•0	•		٠٥	•0	•0	•0	-0
41-48	•0	•0	.0	.0	•0	•0	•0	•		•0	٠0	•0	.0	.0
49-60	•0	.0	.0	.0	•0	.0	•0	•!		.0	•0	.0	.0	•0
61-70 71-86	•0	•0	0	.0	•0	•0	•0	اه		•0	•0	2.	•0	•0
	•0	•0	.0	.0	.0	.0	.0	•		•0	•0	•0	.0	•0
87. TOT PCT	1.0	.0	.0	•0	•0	•0	.0			.c	٠0	• 0	•0	.0
	1.0	5.2	2.0	.7	.0	- 1	9.0	1.3	4.9	2.7	+8	.2	•0	9.6

									OCTOBE	R							
PER100:	.OAF	/-ALL)	1953-1	\$79				TABLE	18 (00	NT)				AREA		MANZAN 6N 102	.9¥
				PC	1 FPEC	OF WIND	SPEED	(KTS)	AND DI	RECTIO	v	5 5	EA HEIG	HTS (FT)			
				s									SW				
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-	3 4-	10 11-	21	22-33	34-47	48+	PCT	
Ci.	.5	1.1	•			•0	1.7			2 1		•	.0	• 0	.0	1.6	
1-2	. 3	1.7	. 3	.0	.0	•0	2.3				. 7	. 2	.0	.0	.0	2.1	
3-4	- 1	.8	• 2	.0	.0	.0	1.1				. 6	. 1	.0	.0	.0	. 8	
5-6	.0	- 1	- 1	.0	. 0	•0	-1					. 1	.0	.0	.0	. 3	
7	.c	• 0	- 1	.0	• 0	•0	• 1				.0	. 1	•0	.0	.0	. 1	
9-9	•0	- 1	.0	. 1	. 3	-0	. 1				.0	- 1	•	•0	-0	. 1	
10-11	•0	.0	•	• 2	.0	•0	• 5				.0	٠	. 1	• e	•0	. 1	
12	•0	•0	.0	•0	• 0	.0	•0				C	.0	-1	C	.0	• 1	
13-16	.0	•0	•0	.0	•0	•0	• • • •				.0	٠.	.0	•0	.0	.0	
20-22	•0	• C	•0	.0	.0	.0	.0				.0	•0	.0	•0	.0	.0	
23-25	•0	•0		•0	.0	.0			•		.0	.0	.0	٠.0	•0	.0	
26-32	.0	•0	2.	.0	.0	•0	•0				.0	.0	.0	•0	•0	.0	
33-40	.0	.0	.0	.0	.0	.0	.0				.0	.0	.0	.0	.0	.0	
41-44	.0	•0			.5	.0	•0				.0	.0	.0	.0			
49-60	.0	•0		.0	.0		.ŏ				ŏ	.0			.0	.0	
61-70	.ŏ	.0		.0	.0	.ŏ	.0					.0	.0	ò		.0	
71-86	.0	•0	.0	.0	.0	.0	.0				.0	.0	.0	.0		.0	
87.	.0	.0	.0	·õ	.0	.0	.5				ŭ	.0	.0	.0		.ŏ	
TOT PCT	. 9	3.8	. 3	. 2	. 5	•0	5.7				. 8	· t	-1	•¢	.0	5.0	
HGT			11-21	22-33	34-47		PC/					٠.	22-33			PCT	TOTAL
<1	1-3	4-10 3-1	11-21	-0	.0	48.	4.5		1-			21	22-33	34-47	48+		PCT
1.2	1.4	8.8	1.7	.0	.0	•0	11.4		1.			. 8	.0	.0	.0	4.0	
1-4	.1	3.9	2.2	.0	.0	.0	6.1		*:	-		.0	.0	.0	•0	4.9	
5-6	. 0		1.2	.2		.0	1.9					. 2	.1	č	.0	2.0	
'n	.0	.1		.1		.0	.5					. i	ı, î	.0	.0	2	
8-9	•0			.0		.0					.0	•		.0			
10-11	• 0	.0	.0	.0	•	.0	•				.0	.0	.0		.0	•	
12	• 0	•0	.0	.0	.0	•0	• 0				.0	.0	•0	. 1	.0	- 1	
13-16	.0	• 0	.0	.0	• 0	.0	•0			0	.0	.0	.0	•0	.0	.0	
17-19	• 0	• C	.0	.0	-0	.0	•0			0	.0	.0	.0	.0	.0	.0	
20-22	٠0	•0	. n	.0	.0	.0	•0			٥.	. ၁	.0	.0	•0	.0	.0	
23-25	.0	+0	.0	.0	• 0	•0	•0				.0	.0	.0	• 7	.0	.0	
26-32	.0	-0	.0	.0	.0	.0	.0			0	.0	• C	•0	.0	.0	.0	
33-40	•0	-0	-0	•0	.0	•0	•0				.0	٠0	•0	.0	.0	.0	
41-48	'n	•0	•0	.0	.0	.0	•0				.0	٠0	•0	•0	.0	.0	
49-60	•0	٠0	•0	•0	• 2	.0	•0				•0	٠,	•0	•0	.0	.0	
61-70	.0	•0	•0	-0	• 3	•0	•0					.0	.0	•0	.0	.0	
71-86	•0	.0	•0	•0	.0	.0	•0				•0	.0	•0	.0	•0	•0	
57+ 101 PC1	.0	+0	•0 5•5	.0	•0	.0	0				.0	.0	.0	•0	.0		** *
131 -61	2.4	16.4	7.5	. 3	• 1	•0	24.6		2.	, 14	., ,	·U	• • •	• 1	.0	22.4	88.6

	WIND	SPEED	(#15)	VS SEA	HE 16H1	IFT		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	101 085
<1	18.0	12.1	. 2	.0	.0	.0	30.3	
5	5.3	30.4	4.5	.0	.0	.0	40.2	
3-4	.6	10.8	6.9	• 2	.0	.0	18.6	
5-6	•0	2.2	3.9	. 7	•	.0	6.9	
7	.0	. 3	1.3	. 3	.c	.0	2.0	
8-9	-0	. 1	• 2		•	•	٠,	
10-11	•0	• 0		. 3		.0	. 4	
12	.0	•0	.0	. 1	- 1	.0	• 2	
13-16	.0	•0	.0	• 2	•	•	. 3	
17-19	•0	.0	.0	.0	• C	.0	.0	
20-22	•C	.0	.0	.0	-0	.0	.0	
23-25	•0	.0	.0	• 0	-0	.0	•0	
56-35	•0	• 0	.0	.0	.0	.0	.0	
33-40	•0	-0	-0	.0	• C	.0	-0	
41-45	•0	٠.	-0	• 0	.0	.0	.0	
49-6C	•0	-0	.0	.0	.0	.0	.0	
61-70	.0	• 0	٠.	.0	.0	0	•0	
71-66	•0	•0	٠.	.0	.с	•0	•0	
87 •	•0	•0	•c	.0	.0	.0	.0	
								2032
TOT PCT	23.9	56.0	17.4	2.4	. 3	.1	100.0	

PERIO	D: .OV	ER-ALI	194	9-1970					TABLE	19											
					PERCENT	FRE	QUENCY	OF 44	VE HES	GHI (F	TI VS	SVAW	DESIOD	ISECON	DSI						
PERIOD (SEC)	<1	1-2	3-4	5	,	8-9	15-11	12	13-16	17-19	20-22	23-29	5 26-3	33-40	*1-*8	49-60	61-70	71-86	87+	JATOT	HEAN HGT
<6	6.0	17.9	14.1	5.2	1.8	. •	. 3	- 1	1	- 1		• (	0 .0	.0	.0	.0	.0	-0	.0	2946	3
6-7	- 1	2.8	8.3	5.9	2.8	1.1	. 7		2	1	. 1		• •(	• • •	.0	.0	.0	+0	.0	1939	5
8-9	. 1	1.4	2.8	3.2	2.2	1.0	3						• (	• •0	-0	٠0	.0	-0	.0	733	5
10-11	.0	. 7	1.0	1.0	. 4	.4	.3						• .0	• • •	.0	+0	-0	.0	.0	254	5
12-13	.0	.0	. 7	. 3	- 2	.2	. 1		•				0 .0	• • •	٠.	.0	.0	-0	.0	107	6
>13	.0	.0			• 2	-1				• •0		-1	0 1	• •0	.0	.0	.0	.0	.0	53	7
INDET	8.2	1.8	2.1	1.1	.5	. 1		.0	1			• (	٥ . ه		.0	.0	.0	.0	.0	893	2
TOTAL	923	1573	1861	1102	509	217	115	32	49	17	15	•	5 2	. 0	Ó	0	0	Ö	2	6420	3
D C T	10.0	24.6	20.0	17.5	7.0	1.4					•					. 0	- 0	- 0	~	100 0	

PEPIOD. (PRIMARY) 1953-1979 (OVER-ALL) 1872-1979 NOVEMBER TABLE 1

AREA 0006 MANZANILLO SE 17.65 102.96

PERCENT FREQUENCY OF WEATHER OCCURPENCE BY WIND DIPECTI	ERCENT	NT FREQUENCY O	WEATHER	OCCURPENCE	θY	WIND	DIPECTION	
---	--------	----------------	---------	------------	----	------	-----------	--

			F	RECIPI	CITAL	TYPE					CIHES	MEATHER	PHCHO	MENA	
WND DIR	RAIN	PAIN SHUR	DRZL	FRZG PCPN	SNOW	OTHER FRZ'S PCPN	HAIL	PCPN AT OB TIME	PCP% PAST HOUR	THOR LING	FOS WO PCPN	FOG WC ECPN FAST HR	SMOKE H#ZE	SPPAY RLEG DUST BLEG SNOW	NO SIG UEA
N	.9	. 3	• 2	.0	.0	.0	.0	1.4	1-0	1.6	. 5	.0	1.0	.0	94.6
NE	1.9	.6	. 2	.0	.0	.0	.0	2.7	1.3	2.3	1.4	•0	1.6	• C	90.9
€	1.8	1.2	. 7	.0	.0	.0	.0	3.6	1.9	2.9	.0	• 0	1.4	.0	90.6
se	1.6	1.5		٠.	.c	.0	.0	3.9	2 • 1	2.0	.0	.:	.9	.0	90.9
\$	2.1	. 4	. 3	.0	• C	.0	.0	2.8	3.2	5.9		.0	. 7	•0	87.3
54	1.2	. 1	. 3	.0	.0	- C	. 5	1.5	. 4	2.3	1.0	• 0	1.1	•0	94.0
	. 3	. 3	.0	.0	.0	.0	.0	.6	. 4	1.0	• 2	-0		.0	97.1
No.	.2	. 2	. 1	.0	.0	.0	.0	. 6	. 5	1.0	. 2	•0	. 5		97.3
VAP	.0	.0	.0	.c	•0	.0	.0	.0	•0	.0	.0	.0	·c	.0	.0
CALM	. 3	- 1	.0	.0	.0	.0	. C	. 4	• 2	1.5	- 1	.0	1.7		96.2
TOT PCT TOT OBS:	.7 7756	.4	•2	•0	•0	.:	•0	1.3	• 6	1.6	.3	•	1.0	-0	95.1

TABLE 2

#### PERCENT FREQUENCY OF WEATHER OCCUPRENCE BY HOUR

			F	RFC1FT	TATIO	TYPE			OTHER MEATHER PHENCMENA							
HOUR (GPT)	RAIN	PAIN SHER	DRZL	FRZG PCPN	SNUM	OTHER FOZN PCPN	HAIL	OB TIPL	PCPN PAST HOUR	140P L 146	FOG HO PCPN	FOG WO PCPN PAST HR	SMOKE HAZE	SPRAY REWG DUST BEWG SNOW	NO SIG HEA	
00603 06609 12615 18621	.6 .5 1.4	.3 .2 .8 .3	.2 .2 .2	.0 .0	.0	.0	.0	1.0 .t 2.4 .9	.4 .8 1.2 .6	.5 2.8 3.2 .3	.6 .5 .6	.0 .0 .1	1.0 .6 1.1 1.1	.0	96.7 94.5 91.5 96.6	
TOT PCT	.7		•2	•0	.0	•0	.0	1.3	.8	1.7	• 5	•	1.0	•0	95.0	

TABLE 3

## PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

WND DIR	0-3			22-33 22-33		48+	TOTAL OBS	PCT FREQ	ME AN SPD	CO	03	06	60 60 60	(G#T)	15	18	21
N	3.3	7.3	. 7	•	٠.	.0		11.3	5.8	5.3	6.4	10.2	5.4	17.1	13.5	13.3	13.6
NE	1.7	4.4	. 3	•		.0		6.4	5.6	2.2	2.1	4.5	2.9	9.5	12.6	8.8	13.1
€	1.4	4.6	.9	- 1	•	.0		7.0	7.1	3.4	4.5	4.3	2.0	8.7	10.0	11.6	4.6
3.2	1.2	3.3	. 7	•	•	•0		5.3	6.7	5.3	6.0	4.3	2.5	4.9	3.7	6.8	3.4
\$	. 9	2.1	.2	.0	.0	.0		3.2	5.7	6.3	3.2	2.4	3.4	1.0	1.3	3.2	3.4
Sw	1.0	3.1	•2	•	•	.0		4.4	5.7	9.2	2.5	4.1	6.4	1.6	1.3	2.7	5.8
*	3.8	15.1	2.9	. 1	•	.0		22.1	7.1	36.5	33.1	24.9	38.0	12.4	14.5	13.0	17.7
NW	3.6	17.5	4.0	• 1	•	•		25.2	7.5	23.1	27.1	29.2	27.7	24.9	28.5	23.0	31-6
VAR	.0	• 6	.0	.0	.c	.0		.0	.0	.0	.0	.0	.0		.0	.0	.0
CAL	15.2							15.2	.0	9.8	14.7	16.2	11.4	18.0	14.5	16.5	6.8
TOT OBS	2676	4807	828	35	7	1	8354		5.7	1960	163	1875	102	1805	235	2111	103
TOT PCT	32.0	57.5	9.9	. 4	• 1	•		100.6	-	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

		WIND		(KNOTS)						HOUS	(GHT	)
PND DIS	0-6	7-16	17-27	28-40	41.	TOTAL	PCI	MEAN	00	06	12	18
						035	FREQ	SPD	03	Q9	15	21
N	7.6	3.6	. 1	•	.0		11.3	5.6	5.4	9.9	16.7	13.3
NE	4.4	1.9	- 1	•	.0		6.4	5.6	2.2	4.5	9.9	9.0
E	4.1	2.6	. 2	. 1	.0		7.C	7.1	3.5	4.1	8.8	11.3
šE	3.3	1.0	- 1	•	.0		5.3	6.7	5.3	4.2	4.8	6.6
Š	2.2	1.0		.c	.0		3.2	5.7	5.1	2.4	1.8	3.2
ŠV	3.3	1.1			.0		4.4	5.7	8.7	4.2	1.4	2.9
ŭ.	12.0	9.5	. 4	• 1	•		22.1	7.1	36.2	25.5	12.7	13.9
ÑW	12.6	11.6	.7	. 1	•		25.2	7.5	23.4	29.1	25.3	23.4
VAR	٠.	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0
CALM	15.2						15.2	.0	10.2	16.0	18.3	10.3
TOT 085	5403	2783	146	5.0	2	6354		5.7	2123	1977	2040	2214
TOT PCT	64.7	33.3	1.7				100-0			100.0		

NO	٧٤	HB	ÉR
----	----	----	----

P[Q]OD: (PRIMARY) 1953-1979 10VLR-ALL) 1872-1979

TABLE 4

APEA 0006 MANZANILLO SE 17.6N 102.9W のでは、「一般のでは、「ないできた。」というできた。「ないできた。「ないできた」というできた。「ないできた。「ないできないできた。「ないできた。」というできた。「ないできた。「ないできた。」というできた。「ないできた。「ないできた。」というできた。「ないできた。「ないできた。」というできた。「ないできた。「ないできた。」というできた。「ないできた。「ないできた。」というできた。「ないできた。」というできた。「ないできた。」というできた。「ないできた。」というできた。「ないできた。」というできた。「ないできた。」というできた。「ないできた。「ないできた。」というできた。「ないできた。」というできた。「ないできた。」というできた。「ないできた。」というできた。「ないできた。」というできた。「ないできた。」というできた。「ないできた。」というできた。「ないできた。」というできた。「ないできた。」というできた。「ないできた。」というできた。「ないできた。」というできた。「ないできた。」というできた。「ないできた。」というできた。「ないできた。」というできた。「ないできた。」というできた。「ないできた。」」というできた。「ないできた。

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR	(GMT)
--	-------

				LIND	SPEED (	KNOTSI			PCT	TOTAL
HOUR	CALM	1-5	4-10	11-51	22-33	34-47	44.	PEAN	FREQ	CBS
00603	10.2	15.0	60.3	14.0		.0		6.6	100.0	2123
06609	16.0	14.6	57.4	11.5	. 5	. 1	.0	6.0	100.0	1977
12615	18.3	16.7	57.0	7.4	. 4	•	.0	5.3	100.0	2040
19621	16.3	20.9	55.6	6.6			. 0	5.2	100.0	2214
TOT	1266	1410	4807	828	35	7	1	5.7		8354
PCT	15.2	16.9	57.5	9.9	.4	. 1	•	• • •	100.0	

TABLE 4

TARLE 6

•	CT FRE			DIRFC		E IGHTHS )							CEILIN					
						MEAN												
PIG CM	0-2	3-4	5-7	OBSCD	CBS	COVER	149	150 299	300 599	999	1999	2000 3499	3500 4999	5000 6499	6560 7659	8000+	NH 45/8	
	6.3	2.5	2.0			2.6	•	•		.2		• 2	. 1	•			10.3	
NE	3.2	1.3	1.2	. 3		2.9	•	•	•	- 1		. 7	•	•	.0	•	5.3	
€	2.8	1.6	1.5			3.6	•	•	. 1		.:	- 1	. 1	.1	•	.0	5.4	
SE	1.8	1.5	1.4	.6		3.9	•	•	•	• 2	.5	. 2	•	. 1	٠c	•0	4.2	
s	1.1	.8	. 8	. 3		3.4	•	.c	•	- 1	. 3	. 1	•		.0	.0	2.4	
Sw	1.0	1.5	1.1	•2		3.3	•	.0	- 1	•	. 1			•		. 0	4.2	
<b>b</b>	11.3	6.6	3.5	. 9		2.8	•	•	. 1	. 4	. 8	.5	. 1		•	•	20.6	
NW	13.4	6.2	4.7	1.0		2.8	. 1	•	. 2	. 4	. 8	. 5	. 2		. 1	. 1	22.9	
VAR	• C	.0	.0	.0		•0	.0	.0	.0	.0	.0	. 0	. 0	.0	.0	.0	•0	
CALM	8.6	3.7	2.3	. 4		2.5	•	.0		. 2	. 4	. 3	. 2	•	•	•	13.9	
01 085	3217	1648	1203	315	6383	2.9	16	12	29	140	259	135	4.6	26	12	12	5694	638
OT PCT	50.4	25.8	18.5	4.9	100.0		. 3	• 5	. 5	2.2	9.1	2.1			.2		89.2	:00.

TABLE 7

## CUMULATIVE PCT FREQ OF SIMULTAMEOUS OCCURPENCE OF CEILING HEIGHT (NH >>/8) AND YSBY (NH)

					YSBY INP	1)			
CI	EILING	± 0P	: CR	= OR	202	= 0R	~ OR	T OR	= CB
(1	FEET)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
CR	26500								
٥R	>5000	.8	- 8	.8	- 6	. 8	. 8	. 8	-4
Q.R	>3500	1.5	1.6	1.6	1.6	1.6	1.6	1-6	1.6
OR	>2000	3.3	3.6	3.6	3.6	3.6	3.6	3.6	3.6
QR.	>1000	4.7	7.5	7.6	7.6	7.6	7.6	7.6	7 6
QR	>600	1.4	9.6	9.8	9.8	9.8	9.6		9.8
OR	>300	9.2	10.1	10.3	10.3	10.3	10.3		10.3
QR	>150	9.3	10.3	10.5	10.5	10.5	10.5		10.5
0R	> 0	9.5	10.5	10.7	10.7	10.7	10.7	10.7	10.7
	TOTAL	622	690	703	704	705	705	705	705
	CR OR OR OR OR	CEILING (FEET) CR 3650D OR 3500D OR 3200D OR 2200D OR 3100D OR 350D OR 350D OR 350D OR 350D OR 350D	(FEET) >10  CR >6500	(FEET) >10 >5  OR >65000	### FEET   \$10   \$5   \$2    OR \$4500	CCILING = 00P = 00P = 0R = 0R = 0R   CFECTI   >100   >5   >2   >1   >10   >5   >2   >1   >10   >	### FEET   >10   >5   >2   >1   >1/2    CR >6500	CTILING	CEILING 2 OR 2 OR 2 OR 2 OR 2 OR 7 OR 7 OR 7 OR

TOTAL NUMBER OF ORS: 6571

PCT FPEQ NH (5/8: 89.

TABLE 7A

#### PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 085CT 085 19-1 26-3 22-3 13-7 7.8 3-7 3-2 1-9 1-9 -2 6931 NOVE MBER

								NOV	£ 164 3							
PERIOD: (PR	[P-ALL] 1							13	BLE &				APE	4 0006	PAMZAWILLO 17.60 107.92	
			PI	ERCENT						URRENC ALUES				F OF		
	V\$8Y (44)		4	ΝE	E	SE	5	Se	¥	NW	ATE	CAL	PCI	TOTAL		
		PCP	.0	. 3	.0	.0	.0	.0	.0	.0	.0	.0	.0			
	<1/2		.0	.0	.0	.0	.0	.0	.0	.0	•0	. 0	٥.			
		101 2	•0	.c	.0	•0	.0	•0	.0	•0	.0	• 0	. 5			
		PCP	.0	.0	.0	•	•	-0	.0	-0	.0	.0	•			
	1/2<1	NO PCP	.0	.0	.0	.0	.0	-0	.0	3.	.0	٠.	. ^			
		101 \$	.0	.0	•0	•	•	•0	•0	•0	.0	•0	•			
		PCP	•		.0	.0	•0	.0			.0	•	•			
	1<2	NO PCP	.0	.0	.0	.0	.0	.0			.0	.0	.0			
		101 2	•	.0	.0	.0	.0	.0	.0	.0	.0	•	•			
		PCP	.0	•	•	•	•0	•	•	.c	•0	.0	. 1			
	2<5	NO PCP	•	•	•	•0	•	•	•	. 1	.0	•	. 2			
		101 2	•	•	•	•	•	•	.1	. 1	.0	•	. 3			
		PCP	. 1		-1	- 1	•			•	.0	•				
	5<10	NO PEP	.5	. 4	.6	. 4	• 2	-2	.7	1.1	.0	.5	4.5			
		101 1	.5	• •	. 7	. 4	.3	. ?	. 6	1-1	.0	•5	4.9			
		PCP	. 1	- 1	.1	. 1	•	•	. 1	- 1	.0		.,			
	10.	NO PCF	10.7	5.8	6.1	4.7	7.5	4.2	21.3	24.2	.0	14.0	94.0			
		101 2	10.8	6.0	6.2	4.9	3.0	4.0	21.3	24.3	.0	14.0	94.7			

TABLE 9

			,						I VS WI		ED		
4594 (RM)	SPD	N	NE.	E	SE	s	Sb	٠	NW	YAR	CALP	PCT	TOTAL
	0-3	-0	-0	-0	•0	.0	.0	•	.0	.0	٠.		
<1/2	9-10	.0	.0		.0	.0	.5	.0			•••	.0	
	11-21	.0	.0	٥.	.0	.0	.5		.0			.0	
	22+							•	.č			•	
	101 2		.0	.c	.0		.0	•	ě	.č	.0	•	
	0-3	.c	.0	.0	٠.	.6	.0	٠.	.c	.0	٠.	.0	
1/2<1	4-10	.0	.0	.0	• 0	.0	.0	.c	.0	.0		.0	
	11-21	.0	.0	.0	•		.0	.0	.0	.0		•	
	22.	.0	.0	.0	• C	-0	.0		.0	.0		.0	
	TOT 1	.c	.0	.0	•	•	.0	.0	.0	.0	.0	•	
	0-3	.0	.0	-0	ر.	•c	٠.	.0	.0	.c			
142	4-10	•	.0	.0	-0	•0	.0	•	.0	.0		•	
	:1-21	-0	-0	-0	40	-0	.0	.0	.0	.0		.0	
	22+	•	.0	.0	•0	.0	.0	.0	·c	3.		•	
	101 1	•	.0	•0	۰٥	.0	.0	•	٠.	.5	•	- 1	
	0-3	•	•	•	-0	-0	•	.0	•	.0	•	- 1	
2<5	4-10	•	•	•	•	.0	•	•	•	•¢		• 2	
	11-21	•	.0	•	.0	•	.0	•	•	.0		- 1	
	22.	•0	-0	•	•	.0	•	•	•	.0			
	101 3	-1	•	• 1	•	•	•	. 1	- 1	٠.	•	.5	
	0-3	•2	.2	. 1	.1	- 1	. 1	. 2	.2	.0	.5	1.6	
5<10	4-1C	. 3	- 1	. 3	• 3	-2	. 1		.6	.0		2.3	
	11-71	•	- 1	. 1	- 1	•	•	- 1	.2	.0		.6	
	22+	•	•	-1	•	٠٥.	•	•	•	.0		• 2	
	TOT E	.5	••	. 7	-4	• 5	•2	.7	1.0	.0	.5	4.7	
	0-3	3.0	1.5	1.2	1.1		1.0	3.6	3.3	.c	14.5	30.1	
10.	4-10	7.0	4.2	4.3	3.0	1.9	3.0	34.7	17.0	.0		55.1	
	11-21	.7	• 2	. 7	• 6	-2	• 2	2.8	3.6	.0		4.3	
	22+	.0	.0	•	•	.0	•	- 1	• 1	-0		•2	
	101 1	10.7	5.9	6.3	*.*	2.9	4.2	21.2	24.2	•0	14.5	*4.7	
	101 585												807#
1	101 PC1	11.3	6.3	7.0	5.3	3.2	4.4	22.1	25.4	.0	15.0	100.6	

NOVEMBER

PEPIOD: (PPIMARY) 1953-1979 10VER-ALL) 1872-1979

PERCENT FREQUENCY OF CEILING MEIGHTS (FEET, NH )3/61 AND OCCURRENCE OF NH <5/8 81 HOUR

HOUR (G#1)	144	150 299			1999						TOTAL	SH CS/8 ANY HGT	
00003	- 1	.1	. 4	1.4	•.3	2.1	.5		- 1	.4	10.4	87.6	1777
90340	. 3	-1	• 2	2.1	3.8	1.6	. •	-1	.2	•2	9.6	90.4	1641
17615		- 3	. 7	2.4	3.8	2.1			• 1	.2	10.5	67.1	1600
18621	- 1	.2	.5	2.3	3.5	2.1	1.2	. 4	•2	.1	10.5	89.5	1874
101 PC1	16	13			265 3.8					14	71° 10.*	617A	6842

		PERCENI	FREQUEN	CY VSBY	(4#)	et HOUP		CUMULAT					1.84 HOUR	
H0UR (G#1)	<1/2	1/2<1	1<5	5<2	5<10	10+	TOTAL	HOUR (G=1)	<150 <501D	<+00 <1	<1000 <5	1000+ 4405+	NH <5/8 AND 5+	TOTAL CBS
00603	•	•	•	.3	4.5	94.5	2098	00103	. 1	. 6	2.4	8.5	49.1	1711
06639	.1	.0	•0		5.2	94.2	1999	06109		. 8	3.4	6.8	89.9	1567
12615	.0	•0	- 1	.5	4.5	97.9	2034	12615		1.7	4.4	7.1	88.5	1514
18221	.0	.0	- 3		3.7	96.3	2243	14021	.1		3.6	7.5	86.9	1779
PCI	2	:	• • • • • • • • • • • • • • • • • • • •	37	*06	7922 94.6	\$374 100.0	101 PC1	17	62	225 3.4	492 7.5	5854 89.1	6571 100.0

TAPLE 13

TABLE 14

	PERC	ENT FRI	EGUENC	Y OF P	ELATIV	E HUPI		Y 1E#P				PERC	ENT FR	EQUENC	Y OF U	140 DI	#£C110	N 87 T	EMP	
16=b t	2-29	30-39	40-49	50-59	60-69	70-79	20-89	+0-100	TOTAL	PCT FPEC		۸E	٤	se	5	Sb	u	NE	ATO	CALM
15/99	• 2	.0	.0						•			•	.0		-0	.0	.0		۰.0	.0
90/94							•••	٠.				•0		.0						
	.0		•	• • •			. 1	-1	77	1.2	-1	• 1	• 1	. 1	- 1	•	• 2	. •	.0	-₹
85/89	+0	.0	. 1	. •	3.9	5.2	2.2		987	15.3	1.3		1.1	. •	.7	٠,	2.8	3.7	•0	2-1
80/84		.c	• 0	.5	7.0	33.C	25.5	4.4	4554	70.5	7.8	4.2	4.6	3.6	2.0	3.3	16.8	17.5	.0	10.7
75/79	.0	٠.	.0	•		*-1	6.0	2.2	620	12.7	1.9	1.4	1.0	.6	•2	. 3	1.7	3.5	.0	2.1
70/74	.0	.0	.0	.0	•	•	. 1	.1	17	.3	•	•	•	•	.0	.0	.0	- 1	-0	- 1
TOTAL	6		6	74	761	2956	2198	462	6457	100.0										_
PC1	٠.	.0	. 1	1-1	11-6	45.8	39.0	7.2			11-3	6.4	6.9	5.3	3.0	4.5	22.5	25.2	.0	15-1

				IAT										IABLE	16			
	"EARS,	E 2 1 P C M	ES AND	PFRCEN	11165	of TE	PP (DE	6 F) 8	Y MOUP		PEPC	ENT FRE	CUENCY	OF RELA	TIVE H	PIDITY	84 HOU	R
HOLR (GPT)	***	*92	952	501	51	11	-15	MEAN	TOTAL	H0UR (6 PT)	0-54	30-59	60-60	70-79	80-89	<b>90-100</b>	ME A M	TOTAL
COLCS	95	96	87	6.3	79	77	70	83.0	2162	50330	•0	1.4	15.4	51.7	26.1	5.3	75	1693
06409	90	96		#2	78	76	73	81.3	2042	90390	.0	.5	5.3	45.6	40.3	8.2	e C	1641
12615	9.4	85		81	77	75	71	40.5	2106	12415	• 0	- 5	4.0	33.9	49.1	12.5	62	1586
18621	+5	93	8.6	84	79	77	74	63.7	2274	10621	.0	2.4	20.4	50.8	22.2	3.4	75	1765
101	•5	*0	47	87	76	76	70	87.2	P586	101	c	83	777	3062	2275	<b>~</b> ¢1	7.0	6688

NEVERLER

PERIOD: (PPIMAPT) 1953-1979

(OVER-ALL) 1872-1979

TABLE 17

AREA ODDS PANZAMILLO SE
102-99

TABLE 17

PER SECON OF ATM SEMPERATURE ADDS EN ADD THE OPERATURE OF SECONDETICS OF SECONDETIC

PCT FR:0 OF AIR TEMPERATURE (DEG F) AND THE OCCURAÇNCE OF FOG LUTTHOUT PRECIPITATIONS VS AIR-STA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	69 72	73 76	77 80	41 44	85 48	89 92	>92	101	FCG	¥0 FCG
14/16	.0	.0	-0	.0	•	•	.0	2	-0	•
11/13	.0	.0	.0	•	. 1	•	•	11	.0	.2
9/10	.0	.0	.0	- 1	- 1	.1	- 1	26	.0	.4
7/4	.0	.0	•	•2	. 2	. 3	•	59	.0	. 8
6	.0	.0	. 0	- 1	• 2	. 2	•	42	-0	.6
5	.0	.0	- 1	. 3	. 6	. 3	.0	92	.0	1.3
4	.0		- 1	. 7	1.1	. 2	.0	15*	•	2.2
3	.0	.0	•	-+	1.3	. 2	.0	161	•	2.2
2	-0	.0	. 3	2.5	2.3	•2	.0	342	•	5.2
1	.c			3.0	2.4	- 1	.0	434	•	5.9
0	.0	.0	1.0	8.5	2.8	•	.3	897	. 1	12.1
-1	-0		1.4	10.0	1.7	•	.0	957	- 1	13.0
-2	.0	. 1	2.5			.0	.0	1200	.1	16.3
-3	.0	. 1	3.5	8.7		.0	. C	625	.0	12.7
-4	-0	.2	4.4	4.5	- 1	.0	.0	442		11.5
-5	. 5	.2	3.4	3.4	-2	.0	.¢	520	.0	7.1
-6	.0	. 1	2.5	. 4	•	.0	.0	293	.0	4.0
-7/-8	.c	.2	2.2	.7	.0	.0	.c	227	.0	3.1
-9/-13	.c	. 3		-1	.0	.0	.0	57	.0	3.
-11/-13	.1	•		•	3.	·c	.0	14	-0	• 2
-14/-16	.0	.0	.0	•	٠.	.0	.0	2	.0	•
TOTAL	•		1662		1026		11		36	7265
		92		4358		128		7301		
PCT	- 1	1.3	23.0		14.1	1.4	-2	100.0	.5	99.5

では、10mmを主義の政策を対象があれば、10mmを対象を対象を対象を対象を対象を対象を表現の表現が必要がある。 10mmを主義の政策を対象がある。 10mmを主義の政策を対象がある。

PERIOD: (0VER-ALL) 1963-1979

TABLE 18

PCT FPEQ OF WIND SPEED EXTS) AND DIRECTION VERSUS 528 HEIGHTS EFT) 22-33 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 HGT <1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 23-25 24-32 23-25 24-32 31-46 41-40 11-64 70 71-64 1055 HGT
<1
1-2
3-9
5-6
7
8-9
10-11
12
13-16
17-19
20-22
23-25
26-12
33-90
91-98
91-98
91-98
91-98
91-98
91-98
91-98 \$2-33 .0 .0 .0 .0 .0 .0 2033 

								MOMEMBER							
PEP100	: (046	P-1LL1	1963-	1979				TAPLE 16 ICONT	1			*3G*		MANZAN 102 ma	ILLO 50
				PC	1 FPE0 0	F SIND	SPEED	(KTS) AND DIPE	C110* \	EPSUS S	EA HEIG	H15 (FT)	•		
		_		5							Su				
HGT	1-3	4-10	11-21	22-33	34-47	48*	PCT	1-3	4-10	11-21	2-33	34-47	43+	PCI	
9.	• ?	?	.0	.0	• 0	.0	• •	• ?	1.5	.0	.0	• ¢	.0	2.2	
1 - 2 3 - 4	• 1	1.3	•0	.0	.0	.0	1.4	• 3	2.0	•?	.0		•0	2.5	
5-6	.1	.5	-1	.0	.0	.0	.7	.1		.1	.0	.0	.0	.6	
7	:č		::	.0	.5			.0	.5	.0	.0	.0		.0	
4-9		::		:6	.0	.0	.1	.0		.0		••		.0	
10-11	::	:0	.0	:0	.0	3:	.0	.0		.0	.0		.0		
12	č		.0			:6		:č		::			:6		
13-16		3.	.0	.:				.0			.0	.0			
17-19	.0		.0	.0	.0	.c			.0	.0	.0	• 0	.0	.0	
20-22	.0		.0	.0	.0	.c			.0	2.		.0	.0	.0	
23-25	.0	.0	.0	.0	.0	.0	.0	.č	.0	.c	.0	.0	.5	.0	
26-32	.0	.0	-0	-0		.0	.0	.0	.0	.0	.0	•0	.5	.0	
33-40	•0	.0	-0	.0	.0	-0	-0	.c	.0	.0	.0	.c	-0	.0	
41-48	.0	.0	٠٥	-0	-0	.0	.0	.0	.0	.0	.0	•¢	.0	.0	
49-60	.0	.0	•0	•0	.0		.0	•0	-0	.0	.0	.0	.0	.0	
61-70	.0	-0	.0	.0	.0	.0	. 0	.0	.0	.0	.0	-0	.0	٠.	
71-86	.c	-0	•0	.0		.c		.0	.0	.0	.0	•0	-0	•0	
67+	•0	.0	•0	•0	•0	-0	.0	.0	.0	.0	.0	•0	.0	.0	
101 PC1	••	2.7	• ?	-0	-0	.0	3.4	1-1	*.0	-3	.0	·c	.0	5.3	
											No				TOTAL
MET	1-1	4-10		22-33	34-47	48+	PCI	1-3	<b>4-10</b>	11-21	22-33	34-47	48.	961	PCT
<1	1.9	3.0	-1	.0	.0	-0	5.8	1.9	4.3	•	.0	•0	.0	6.2	
1-2	1.6	9.5	1.4	-0	٠.	•0	12.6	1.2	10.3	1 - 1	.0	*6	٠.0	12.6	
3-4	•3	2.0	1.0		-5	.0	3.2	•3	2.6	1.4	.0	•6	.c	• - 1	
5-6	.0	• •	-5	.0	• •	.0	.,	.c	• •	. 5	-1	٠ç	.0	1.4	
7 4-9	.0	-1	-0	.0	.0	.0	•1	.c .o	-1	• 3	.0	•0	.5	•	
10-11	.0	.u	•1 •D	.0	.0	.0	.1	.0	.0	.1	.0	.0	-0	:1	
13		:0			.5		:0	.0	::	.0	:0	.0		-1	
13-16		.5	• • •					.č						:i	
17-19	.c		.0	.0	.0	.c	.5		.5	3.				.0	
20-22	.0	.0	.0	.0	.0	.0			3.	.0	.0	2.			
23-25	.0	.0	-0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	
26-32	.0	٠.6	•0	-0	.0	.0	.0	.0	.0	.0	.0	-0	.0	.0	
33-40	.0	.č	-0	.0	.c	.ŏ	.0	.0		9.		.c	.0	.0	
41-48	.0	.5	•0	-0	.0	-0	.0	.0	.0	.0	.0	.0	.0	.0	
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
61-70	.0	.c	•0	.0	.0	.c	.0	.0	.0	.0	.0	• 0	.0	-0	
71-86	.0	.0	٠¢	٠.	•0	.0	-0	.0	-0	.0	-0	.0	.0	.0	
87*	.0			.0	.0	.c		c	.0		.0	.0	.0	.0	_
101 PC1	3.7	15.9	3.1	-0	.0	.0	22.6	3.3	16.2	3.4	- 1	•0	-0	25.1	84.9

	WIND	SPEED	(#75)	42 SF A	<b>HE 16H1</b>	(FI)		
HGT	0-3	4-10	11-21	22-33	34-47	40-	PCI	TOT 065
<1	24.1	14.5	.3	.0	.0	.0	40.4	•••
1-2	5.1	32.8	3.4	.c	.c		.2.2	
3-4	1.2	9.3	3.2	-0	.5	.0	12.6	
5-6	.1	1.9	1.3	- 1		.0	3.3	
7	٠.	-2	.5	.0	.0	.0	.6	
8-9	-0	-0	- 1	.0	.0	.c	.1	
10-11	.0	•0	.0	.0	-0	.0	.0	
12	•0	-0	-0	.0	.0	.0	.0	
13-16	-0	-0	- 1	-0	.0	.0	. 1	
17-10	٠.	-0	.0	.0	-0	.0	.0	
20-22	٠.	-0	٠.	.0	.0	.0	.0	
23-25	-0	.0	.5	.c	•0	.0	.0	
26-32	-0	-0	-0	.0	.0	.0	.0	
33-40	•0	-0	.0	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	-0	.0	.0	
49-60	-0	-0	.0	.0	.0	.0	.0	
61-70	-0	- C	-0	.0	-0	.c	٥.	
71-86	-0	-0	.0	.0	.0	.0	•0	
67+	-0	-0	.0	.0	.0	.0	٠.	
								1766
TOT PCT	31.4	59.7		- 1	.0	.0	100.0	

是是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一

707AL 2962 902 327 193 77 40 1082 5563 100-0 67- 6000000000 #[1h H6T 2 4 9 9 5 6 3.7 3.8 1.3 .4 .4 .4 .6 616 -11 -1 -2 -1 -1 -0 -0 -25 .0 .0 .0 .0 .0 .0 2-7 .5 .5 .1 .1 .1 .1 .1 .1 -10 .......... 000000000 000000000 0000000000 0000000000 ..........

0[C[#8[R

PERIOD: (PRIMARY) 1953-1979 (CHER-ALL) 1861-1979

TABLE 1

APER 0006 MANZANILLO SE 17.64 102.5# HE SHEET HE SHEET AS LINEAR NEWS TO AREA OF THE SHEET SHEET

PERCENT F	RECUENCY	or	of A Inf &	OCCURPENCE		2414	DIRECTION
	~	•,		00000-5-466	,		~ * - F C - * O ~

			•	RECIPI	14110	N TYPE					CTHES	* PE*1HE	PHENC	HENA	
WAC 019	PAIN	BAIL Smbr	DPZL	FRZG PCPN	SHOP	CTHER FRZN PCPN	PAIL	PEPR AT CE TIPE	PCPN PAST HCLR	THOR LING	FOG LO FCPL	FOG #0 PCP% PAST HR	SMC#E H#ZE	SPRAY RENG SUST RENG SNOW	
•	1.0	-1	-2	.0	.c	.0	.0	1.2	.6	45	.:	.5	.5	.5	97.2
NE	1.0		-2	.0	.c	-0	.c	1.5	.2	1.4		.0	1.5	.5	95.6
€	1.4	. 5			.0	-0	.0	2 - 3	. 5			-0		. 2	95.4
5€	.5	.7	- 1	٠.	.0	.0	.0	1.2	1.4	. 7		.0	1.4	.:	44.7
\$	1.2	1.7	. 5	.0		.0	.0	3.4	1.1	.5	.0	-0		.c	94.7
5.	.0	- 5	٠.			.0	.0	.5				.0		.0	98.3
•	.1	.c	- 1	.c	·c	.0	.0	- 1	• 1	. 1	.2			.:	44.1
Na.	.3	- 1	• Z	.c		.0	٦.	. 6	• • •	- 5		-0	. 5	.0	
YAR	.0	.0	.0			.0	٠.	. 3	.0	.c	٥.	.c	.5	.0	.0
CALM	-2	-1	-5	3.	.0	-0	.0	. 3	.2	. •	•1	.0	2.0	.1	*6.*
101 PC1	.5	•2	•2	-5	-0	•0	.c	.•	.•		•2	.0	. 7	•	47.3

TABLE 2

#### PERCENT FREQUENCY OF MEATHER CCCURRENCE BY HOUR

			•	RECIPI	TATIC	N TYPE					01+10	#E41+E#	**{*0	P[%4	
HOUR (140)	RAIN	SHEB	DRZL	FRZG PCPh	5404	01HER FRZ% PCP%	HAIL	PCPN AT CE TIME	PCPN PASI HOUP	THOS LING	F 05 H0 PCPh	FOG WO FEPN PAST HR		SPRET PLAG DUST PLAG SAOW	
00603		.3	-1	-0	.c	-0	.0	1.0	•2	•1	.2	.0	. 3	-1	**.2
04609	- 6	• 2	-2	٠.	.0	-0	-0	1.0	.2	1.4		.0	1.0	.0	96.2
12615		.2	-1	.c	.0	-0	-0	. •	.5	1.3	. 1	- 0	. 7	-1	46.6
18621	.4	-2	-2	.5	.0	-0	.0	. 7	.7	•	•	.0	1.0		47.5
TOT PCT	.5 7302	•2	-1	-0	.0	-0	.0	.•	.4	.7	-2	-c	.7	•	*7.2

TABLE

#### PERCENTALE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		#IA	D SPE	LD IKNO	153								MOUR	16-11			
APD DID	C-3	<b>~-10</b>	11-21	22-33	34-47		TOTAL	PCI	PEAN	50	03	36	C.F	12	15	14	71
							095	FPEG	SPE								
	3-1	e.2	1.3	•	.0	.0		12.4	6.Z	4.7	5.5	11.5	٠	17.0	. 2.1	15.0	14.7
NE.	2.1	5.4	. 5	- 1	.0	.0		8.0	5.4	3.2		5.2	3.1	12.0	13.1	11.4	14.2
Œ	1 - 6	5.4	. •	•	.0	.0		7.4	4.5		3.2	5.7	•.0	4.4	17.1	12.5	
SE	2.3	7.9	.6	•	-0	-0		4.6	6.4		7.2	3.5		3.5	5.7	6.2	5.0
\$	. •	1.7	-2	.0	.c	.0		2.6	5.5	5.4	3.2	1.9	4.5	1.1	1.5	2.4	3.3
Sw	1-0	2.7	-2	.0	.c	.0		3.9	5.5	1.4	4.7	2.5	5.7	1.5	1.0	2.5	5.0
•	3.6	11.3	2.2		•	-0		14.0	4.4	33.0	30.5	20-1	34.6	11.0	13.2	11.3	10.2
**	3.7	17.4	4.9	. 1	.0	.0		26.2	7.7	23.7	28.8	32.0	25.0	24.8	27.4	22.3	26.4
YAR	.0	.0	-0	.0	.0	-0		.0	-0	-0	-0	- c	.0				-0
CALM	14.4							14-6	•0	9.7	14.1	16.9	5.7	18.4	13.1	15.5	4.4
TOT CBS	2464	+35+	421	20		•	7465		5.7	1626	110	1724	4.0	1500	199	2005	106
101 PC1	32.1	56.9	10.7	. 3		- 0		100.0		100.0	100.0	100-0	100.0	100.0	100.0	. 16.0	100-0

TAPLE TA

eto DIP	G-6	#IND 7-16		(PNOTS) 28-40	41-	TOTAL	PCT	HEIS	70	Ce	16#1	14
						Ca S	FREC	200	63	04	15	71
*	4.1	•.3	.2	.0	.0		12.6	4.2	4.4	11.5	14.4	
ME.	5.8	2.1	-1	-0	٠.		8.0	5.8	3.0	5.1	17-1	11.4
£	4.8	3.3	-1	.0			7.9	4.5	4.3	5.6		12.3
30	3.0	1.7	. 1	.0	.0			4.4	5-1	3.8	3.7	6.3
\$	2.0	.,,	•		.0		2.8	5.5	5.3	2.2	1-1	2-5
Sw	2.9	1.0	•	-0			3.9	5.5	5.6	2.6	1-5	2.7
v	10.4	8.2	.2	•	.0		19.0	6.4	37.9	20.0	11.3	11.4
**	12.6	12.7	.,	•			26.2	7.7	24.0	32.1	26.6	22.5
WAR	.0	.0	-0	.0			٠.	.0	-0	.0	•0	.c
CALM	14.4						14.8	• 5	15.1	16.4	10.1	15.1
TOT ORS	4947	2577	130	3	0	7665		5.7	1744	1612	1798	2111
TOT PCT	44.5	33.4	1.4	•	.č		100.0				100-0	

06464648

stalog: thulwant fact-tage

TABLE .

40E+ 500b PANZANIELO SE 17.6% 102.9% and the state of t

PEPCENTAGE	FEEEUEACT	CF	+1×C	SPEED	ŧ •	MOUP	(5#1)

				MIND	SPEED (	ANOTS			PCT	1014;
MCUR	CALF	2-3	4-10	11-21	22-33	34-47	***	~E 1 #	LEEC	CES
00403	10.1	15.0	60.7	13.3	- 3	.0	.:	4.4	100.5	1544
04609	14.4	15.2	55-2	12.7		- 1		4.C	103.0	1-12
12415	16.1	14.3	54-2	9.1	- 3	•¢	.0	5.4	100.0	1798
18671	15.1	21.3	55.4	6.0	- 3		.0	3.2	100.0	2111
101	1138	1326	4359	621	20	i	Č	5.7		7445
PCT		17.3	58.9	16.7	.3		.0		100.0	

TAPLE 5

TARLE 4

	C1 F#E					([16×1×5]							SEILIS					
				o clate		MEAN							WH <5/		1140 0			
P#0 019	0-3	3-4	5-*	CESCO	TOTAL	COAES CFOND	303 149	150 200	300 500	40C	1000	3000	3500	5000	4500 7999	4000-	NA CS/8	
	4.3	2.6	2.7	1.1		3-1	.:	•		.5	.7	. 4	-1	-1		•	10.9	
<b>NC</b>	3.0	1.4	1.7	.7		3.2	•	•	• i	. 2	. •	.2	- 1	•	•	•1	4.9	
€	7.6	2.2	2.2	.*		3.0	.1	•	-1	.7		.2	-2	•	- 1	-1	4.4	
SE	1.6	1.1	1.1	.7		3.*	•	.c	•	- 1	. 3	.2	- 1	•	.0	•	3.7	
5	1.2					3.4	.0	.0	.5	- 1	- 1	-1	. 1	•	•	-0	2.5	
Sw	1.4		. 4	.2		3.0	•	.0	•	- 1	- 3	- 1	- 1	.1	ء.	•	3.3	
•	10.1	4.6	3.7	1.0		2.8	•	-C	•				. 3	. 1	.c	-1	17.4	
58	13.3	5.2		1.9		2.9	-1	•	- 1		1.3			.1	.1	•1	22.2	
ATS	٠.		.0	9.		٠.۵	.:	.0	.c	.0			. c	.5		.0	.0	
CALM	4.C	2.0	2.9			2.9	-1	-0			- 5	. 3	. 3	.1	•	-1	13-1	
161 085	2159	1274	1244	454	5838	3.:	15	3	22	154	257	152	74	33	10	35	5051	5838
101 PC1	**.0	21.0	21.3		100.0	•	. 1	-1		2-4	4.4	2.4	1.7	.t	.:		44.5	100-0

TABLE 7

## CUPULATIVE PET FARE OF SIMULTANEOUS OCCURRENCE OF CRILING HEIGHT (NH DAVR) AND WSSY "NH"

						AZBA 10w	13			
	51	EILI45	: CD	: 00	: C#	1 00	: c*	= ce	: 64	= CP
	*	FEE T 1	>16	>5	>2	>1	>1/2	>1/4	>50*0	>0
:	Çæ	>6500	:.0	1.0	1-0	*.3	1.0	1.5	1.0	1.0
=	C.	>5000	1.5	1.6	1 - 6	1.4	1.4	1	1-4	1.4
=	C4	>3500	3.0	3.3	3-1	2.3	3.3	3.3	2-3	3.3
=	C#	>2-70	5.4	5-4	5.9	4.0	5.+	5.*	5.9	5.*
:	CR	)1CS.	9.2	10-1	13.1	10-1	10-1	10.2	10.2	10.2
Ξ	C.P	>650	11.4	12-5	12.7	12.7	12.7	12.4	12.8	12.6
=	¢.	>360	11.7	3.81	13-1	13-1	13.1	13.2	13-7	13.2
:	CR	>150	11.9	13.0	13.2	13.2	13.2	14.2	13.2	13.2
:	C.	> 0	12.0	13-2	13-4	17.4	13.4	13.5	13.5	13.5
		TOTAL	721	797	417	407	409	012	817	812

TOTAL NUMBER OF CES: 6029

PCT FPEG NH 45/9: 86-5

TABLE 74

#### PERCENTAGE FRED OF LOW CLOUDS (CIGHTHS)

C 1 2 3 4 5 4 7 PORSCO CBS

25.5 29.9 17.6 11.6 4.8 9.2 3.6 2.7 3.9 .2 6397

\*46E 044

是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就

							DFC	€ <b>-</b> 0 € ₽						
PERIOD: (PRIMARY) 1 (OVER-ALL) 1							14	BLE 4				400	7 0006 MENZANILLO 17.6% 102.6=	SE
		•	CACENT						URP[NC  ALUES				E GF	
6567 (4P)		•	ME	£	se	5	\$2	4	**	ATE	CAL	PÇI	101st 085	
<1/2	PCP NO PCP TOT 1	.c .c	.0	.0 .0	.c .c	.0	9. 9. 9.	.:	.e	 0.	.e	.c		
1/2<1	PCP NO PCF TOT 1	.c .c	.:	.¢	.c .c	.0 .0	.c 2.	.c	9. 9.	3. 3.	.: .:	.0		
1<2	PCP NO PCP TOT I	.c .c	.:	.c .c .o	.0	 2.	.e .e	.s .s	.0	3. 3.	:: ::	.3		
245	PCP NO PCP TOT 3	:	:	:	.c	.0	.c 2.	:	:	.c .c	.0	.1 .2 .3		
5<10	PCP NO PCP TOT 1	::	:	.1 .4 .5	.3	.1 .2	:1	:	.1 1.2 1.2	3. 3.	:	.3 4.2 4.5		
10+	PCP NO PCP TOT 2	.1 12.1 12.2	-1 7-4 7-5	.1 7.4 7.5	*.3	.1 2.7 7.7	3.e 3.e			.: ::	13.e 13.e	34.7 94.1		
	TOT CAS	12.7	•.0	e.o	4.7	2.5	3.4	14.2	24.3	.c	14.*	100.0	1076	

شدي

TABLE .

									. 45 PI		(C		
<b>YS</b> AY	SP0		46		SE	5	5.		K.	140	(41+	PET	TOTAL
(4")	KTS.												C=S
	0-3	-0	٠.	.0	•	.0	٠.0	- 0	-0	.0	•	•	
<1/2	9-10	•	•	•	.0	.0	.0	•	•	.0		-1	
	11-51	-0	-0	-6		.c	.:	•	٠.	.5		•	
	22.	-0	.0	٠.	.0	-c	٠.	.0	.0	.0		-0	
	TCI 2	•	•	•	•	-5	-¢	•	•	.0	•	-1	
	0-3	-0	•	-0	.5	.0	.:	٥.	٠.	.0	.c		
1/2-1	4-1C	.0	-0	-0	-5	-5		.0	.0	.:		.c	
	11-71	.0	-0	•	-0	-0	٠.	.:	3.	-0		•	
	22-	.0	-0	-6	-0	.0	-0	.0	.0	.:		.:	
	101 2	٥.	•	•	-0		-0	٥.	.0	.0	-2	•	
	0-3	•	•	-0	.0	-0	٠.	-c	ء۔	-0		•	
145	4-10	.:	٦.	.0	.0		-0	٠.	-0	.c		٠.	
	1:-21	•	.5	-0	.5	.0	-5	-0	•	-0		•	
	22•	٠.	-0	-0	٠.	.0	.6	.0	-5	-¢		-0	
	101 2	•	•	-0	.0	-5	-0	-0	•	•¢	э.	-1	
	0-3	•	-0	•	•	-с	•	•	•	.:	•	-1	
245	4-15	•	•	•	-1	.0	-c	•	- 1	٠.		•2	
	11-21	•	•	- 5	.0	٠.	-0	-0	-0	.c		-1	
	22.	.:	٠.	-0	.0	-0	.0	•	-0	.0		•	
	101 1	-1	- 1	•	- 3	.0	•	• 1	-1	٠.	•	. •	
	0-3		- 1	-1	- 1	-1	•	.2	.2		. •	1.4	
SCIC	-16	•2	-2	- 3	.2	- 1	- 1	.5	.7	.c		2.3	
	11-21	-1	- 1	• 1	•	•	•	- 1	-2			-4	
	22.	-5	.0	•0	.0	-0	-0	.0	- 1	.c		-1	
	101 2	.*	••	-5	•3	.2	•:	••	1-5	-0	. •	*.*	
	C-3	2.9	1-4	1.4	1-1		1.0	3.4	3.4	-0	14.2	30.0	
10-	4-16	8.0	5-1	5-1	2.7	1.7	2.4	12.0	14.8	.0		50.8	
	11-21	1.1	. •		• •	-2	-2	3.5	•.7	.0		•.•	
	22+	•	- 1	•	•	.0	٠.	•	-1	.5		•2	
	101 2	12-1	7.4	7.3	4.3	2.7	3.7	18.2	24.4	.с	14.2	76.9	
	101 CES												737
1	134 10	12.7	7. *	7.4	4.7	2.0	3.*	19.2	26.3	.0	19.7	100.0	

DECEMBER

TAPLE 10

APER COOK MANZANILLO SE 17.64 102.95 のことでは、大きないのでは、大きないのでは、これを大きないでは、これをいるとのできない。これでは、これでは、これをは、これをはないできないとうない。これをいるとのできない。

,这个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们也没有一个人,我们也会会会会会会会

### PERCENT FREQUENCY OF CEILING MEIGHTS (FEET, AM >4/8) AND OCCURRENCE OF AM <5/8 BY MOUR

+OUR	000	150 299			1000						10146	AH KS/8 JAY HST	
20102	• 2	. 1	.5	2.6	4.5	2.7	2.0	. 6	. 3	. 7	14.5	45.1	1444
06634	. 3	.5	.3	2.5	3.7	2.9	1.4	.5	.1	.7	12.6	87.4	1505
12615	. 3	.1	.4	2.6	• - 5	1.7	1.5			.7	12.4	47.4	1*50
18621	- 1	-1	.2	2-1	3.7	2.7	1.5	٠.	. •	.5	12-1	47.9	1723
101		:			264			37	20	*1		5503 87.2	4574

TABLE 11

TABLE 12

		PE PC ( % )	FREGUES		(50)	84 HOUP		CUMULAT					3.87 (KP)	
(241) 4004	<1/2	1/2<1	1<5	2<5	5<10	10-	TGTAL 085	#6U2 (G=1)	<157 <5010				NH (5/8	TOTAL CBS
00003	• 1	. 1	.:	.5		54.5	1919	00103	.3	. \$	3.5	11.7	84.4	1544
04609	.2	.0	-1		4.4	54.3	1846	20509	.:	. 7	3.5	9.7	56.8	1+3+
12615	•2	-1	- 1	.3	5.1	** - 2	1807	12015	.5	1.0	3.9	٠.٠	16.6	1349
16621	.2	•	•	.5	3.5	75.8	2084	14621	. 1	.5	3-1	*.2	<b>#7.</b> 7	1653
101 PC1	12	3	. 5 - 1	33	345		7656 100.0	101 PC1	16 •3	::		606 10.1	5206 86.3	407* 100.0

. . . . . . .

74315 11

				-		-														
	P[ 8C	LNT F		7 CF P	[[AT]	E HU#1	011- 9	1 1500	••••	<b>P</b> C1		PERC	(41 F#	EOUE*C	7 CF W	140 01	<b>P</b> ECT10	h 87 T	[#P	
15-> 6	5-2+	30-3	40-44	50-59	60-64	70-79	40-49	+3-103	101AL	FRES	•	46	C	SE	s	\$*	٠	40	***	CALF
15/16				0		.0		-0	z	•	.5	•	-0	.0	.5	.¢	.0	-0	٠.	.0
90/44	.0			?		- :	.1	•	38		-1	-1	-1	•	•	.0	-1	• 2	-0	•
45/49	.0		:	3	2.0	2.2		- 2	345	6.1		.5	.7		-1	. 3	1.1	1.2	-0	1.1
80/84	.0		,		10.4	24.6	15.4	3.0	3571	59.6	7.0	4.5	4.7	2.7	2 - 1	2.7	12.6	14.3	-0	9.2
75/79	.0	1	, ,	3	1.4	12.6	13.7	3.1	1068	31.5	4.7	2.9	2.5	1.2	. 7	.4	5-1	4.3	.0	4.4
70/74		:	:	0	- 1		.•	-6	120	2.0	.4	. 3	-2	•	•	•	.2	.1	-0	-2
45/69	.0		:		:	.c	•	•	•	- 1	-1	-0	.0	.0	.0	-0	.0	•	.c	.0
ISTAL	•	: :	3	***	260	2733	1466	*14	5984	105.5										
						44 4	** *				11.0	7.4	8.1		2.4	1.4	10.3	24.7	- 0	14.9

TAPLE 15

148LE 16

	-[445,	E = 12[#	ES 450	PERCES	TILES	Of 16	** 106		4 maur		*[*[	Ers te.	EUENCY	OF BELA	IIAE M	U#10114	84 HOU	*
#3U# (6=1)	-41	***	*52	501	52	11	-14	P( 44	1014L	#0UR {6#11	0-24	30-56	40-49	70-79	40-49	*0-100	~{ * *	TOTAL
DOLC3	96	4.4	46	41	77	2 4	7.5	81-3	1975	00133	-0	1.7	17.8	49.7	24.9	5.0	76	1500
26609	16		+ 3	4.0	75	72	6.7	79.4	1874	04104	٠.	.7	7.5	45.2	37.4	4.7	7.9	1530
12415	40	0.3	82	76	74	72		79.8	1849	12215	.c		6.0	38.6	44.5	11.0	8.2	1428
19621	**	91	. 7	82	77	7.		41.9	2172	16221	-0	3.0	20.4	*7.9	20.9	3.1	7.	1663
707	4.4				**	2.2	4.7		7467	101		104	***	2817	1957	415	77	4212

0000-200

PERIOD: (PRIPARY) 1953-1979 109EP-ALL) 1861-1979

ISBLE 1

37.64 102.64 17.64 102.66 は、「大学などのでは、「おおおからない。」は、「おおからない。「おおからない。「おおからない。」は、「おおからない。」は、「おおからない。「おおからない。」は、「おおからない。「おおからない。」は、「おおからない。「おおからない。」は、「おおからない。「おおからない。」は、「おおからない。「おおからない。」は、「おおからない。「おおからない。」は、「おおからない。「おおからない。」は、「おおからない。「おおからない。」は、「おおからない。「おおからない。」は、「おお

PCT FREQ OF ALP TEMPERATURE (DEG ') AND THE OCCURRENCE OF FOG INTIMOUT PRECEPITATION)
WS AIR-SFA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	45		73	77	12	85		>92	101		-0
THP DIF		72	74	•0		**	92			FOE	F 35
14/14	.0	.0	.0	.t	•	•	.0	-0		.5	.1
11/13	.0	.0	. 3		-1	•	•	•	15	2.	-2
9/10	.0	-6	.0	•	.1	.:	•	•	14	.:	• 2
7/6	.0		.0		. 3	. 3	. 3	.0	57	٠.	. •
•	.0	.0	.:	- 1	. 3	-2	•2	.ė	50	٠.	.7
5	.0	.c	.c	- 1		.5	.2		97	.0	1.4
•	. 6	. 5	.5	- 3		. 6	-1	٠.	126	.0	1.4
3	-0		.1		. •	. 7	•	.c	140		2.1
ž	.0		•		5.1	1.0	• ?	.c	315		4.7
2 1 2	ž.	.0	-1	1.0	3.2	1.0	-c		353		5.3
Ē		-:-		3.1	7.6				784	٠.	11.0
-1		•	. 3	3.6	7.1		.0	.c	742	.0	11.4
-3	.5	•		7.2	8.7		.0	.c	:017	•	16.4
- 3	.5	•		7.2	5.0	•			343	.:	12.0
		. 1	1.7	7.6	3.3	•	- C	٠.٤	824	•	12.2
-5	•	.;	1.0	5.4	1.0	•	.0	:5	555		4.3
••	•			2.9	.3	.c			272	•	4.0
-7/-4	-0		1.7	2.4		.5		.5	244		3.0
-9/-1C	-6	.2			•	.5	.0		78		2
-11/-13	•			-	.:			.č	10	.c	7.3
-19/-16		•	٠.						• • • • • • • • • • • • • • • • • • • •		-:
-17/-19	•	•	.0	-5	.5		,č		ž		•
TOTAL	7	-	***	•••	2969	•••		••	•	•;	1411
	•	•3		2837		390	30	5	4645	7	- 39.
		٠,		***		: :	_	:	.07.6		

P[#100: COV[R-ALL1 1963-1979

\*\*\*\* \*\*

				P.C	T FREC O	F wind	SPEED	INTS AND DIRE	CLICA A	E#SUS S	Es meis	rts (F1)		
											25			
MET	1-3	4-10	11-21	32-33	30-07	46+	PC1	1-3	4-10	11-21	22-33	30-07	494	957
<1	1.0	2.0	•	-0	. 0	٠.	4.3	1.2	1.0	3.	•0		٠.	3.0
1-2	.•	4.4	.7	-5	-0	.0	6.0	-5	٠.٥		-0	-c	•0	4.1
3-4	-3	1.3		•	+0	٠.	2.1	-1	.7	.7	.5	-0	• 0	1-0
5-6	-0	+ 3	• 2	-5	-3	-0	.5	•€	- 3	- 1	-0	•=	-0	.•
3	.s	.0	- 1	-0	-:	-5	-1	.c	.0	.1	- 1	-0	•€	-1
9~9	.0	.0	.:	-0	-¢	٠.	.0	.3	-0	.c	-0		-0	.0
10-11	.0	.0	- 1	-0	-6	.:	-1	-0	- 5	•	٠,	•5	٠.	•
12	٠.	-0	٠ç	٠.	-5	-0	-0	-5	•=	-0	•0	•5	٠.	-0
13-16	.0		٠.	-5	-0	٠.	٠.	-s -s	.5		-0	-0	-0	.c
17-19	٠.5	.c	2.	.0	.5	.0	2.		.c .s	.0	.5	• •	-0	.5
23-25	•0		3.		-0		::	::	::	3.		• • •	-5	
26-32	::	.e	.0	-0	-5	3.	::	.0	.5	3.	-0		.5	.:
33-40		::	:č	.0			::	::		·:	3.5	::	::	:6
41-48	.0	::		.5	.;		.5			3.				.5
94-60		::		::	iá	- : :	.,			::		3.	ě	
61-70		-5	3.			.c	.0			٥.				-6
71-66						3.	.0	ž.		3.	.5			.e
87*				3.		.c			3.			- 0		.6
101 PCT	3.0	6.5	1.5	•	.0	-t	13.0	1.0	4.1		-1	• • •	-0	1.1
				τ							3.6			
<b>#51</b>	1-3	4-1C	11-51	55-33	34-47	48.	PCT	1-3	4-10	11-21	22-23	30-07	•1•	•C1
41	.7	1.4		-0	•0	٠.	2-3	••	1.1	-1	ء.	٠.	٠.	1.*
1-2	-1	3.3	••	٠,	- 3	٠.	•••	• ?	1-1	-1	.с	-5	•3	1-4
3-4	-3	• •	-3	-0	•0	٠.	1.5	-1		• 5	-5	• •	٠.	1.1
5-6	.c		.2	•3	::	•6	- \$	3. 3.	٠.	.1	3. 2.	:5	٠.	-1
4-4		3.	.0	-0			••	.5	::	3.		:-	.0	-C
10-11	.0		.c .c	.0	::	-3	-5		.5		.5		.6	-0
12		.;		ž	::	-6	ě	::	:5	::	::	::		
13-16			::	::	::	:6	.5	.5	::	::	::	·.		
17-19			::		::	3.	3.5	::		::		::		
50-55		:.	3.		.5			:		٠.				
23-25	.0		- :-									i.e	.5	10
26-32		.5				3.	.0			.0		7.		.6
33-40		.5	::			-5						÷.	.5	
41-48			7.	.¢		3.	-0	3.	.c				3.5	Ĭ.
49-40	.e							.ă				.5		
61-70	.0	.0	.:			.0	.:	.0	-3	.0	-5	-	ء.	.0
71-86	.0	.0	.0	.0	.5		-0	3.	.0	.0	.0	.c	.3	.5
87*	.0	٠.	.0	.0	٠.		-5	.0	-0	٠.	-6	.0	-0	
101 PC1	1.0	6.0	1.2	.0	.c	.0	1.2	.*	2.4	.,	.0		٠.	4.5

								C(C[*0[P							
*[*165:	101[	-411)	1463-1	974				TABLE 18 1CCNT	_			1361	5058		irro se
								10 15001	•				17.	e. 105	
				•0	1 /#[2 0	f also	SPEED	14151 440 01PE	CIICN 1	E#345 3	E4 =E15	MIS CFT	,		
				5							5.				
45 T	1-3	4-10	11-21	22-22	34-47	-4-	PC1	1-3	4-10	11-21	25-22	3 4 7	44-	124	
<1	-2	. 7	-:	.0			1.1	.4	- 5	• 1	.5	.:	.0	1.5	
1-2	- 3	:-;	. 2	.5	.:	.0	2.3	.3	1.2	.2	٠.	٠.	.0	1.7	
3-4	.:	-2	-1			-0	. 3	٠.	- 1	•	.0	.0	.0	-1	
5.6	.=	- 3	•	.0	. 3	-0	-2	.5	-1	•	.0	.5	.3	- 1	
. 7	.=	.:	•=	.0	-0	.0	ę.	.\$		•€	.0	.3	.0	.5	
4-4		-5	.0	.=	. 3	.:	٠.	-c	-5	.¢	.:	.0	.:	.5	
10-1:	•	.5	٠.	.0	- 5				.0		٥.	•:	-0	.9	
12	••	.5	•¢	.:	. 3	•:	.5		-0	-6	٠.	••	٠.	٠.	
13-14	.:	-3	-5	.:	•=	-0			٠.	٠.	.5	.c	-0	٠.	
17-14 20-22	-0	3. 2.	-3	٠.	-:	-2		•¢	٠.	-5	٠:	•:	-0	.0	
23-25	.2		-0	.c	•2	.9	-3		•=	3.	-÷	• •	-5	.0	
20-25	-5	.9	٠.	.=		٠.	- 5		•:	٠.		• •	•:	.c	
33-40		:: ::	2.	٠.	.2	:3	.9	ج.	-÷	.0	.5	٦.	-:	.0	
41-44	.0	:5	.e	.0	• 2		.5		.: ::	-0	-2	•:	-5	• ?	
97-45	.5	::		•	.5 .7	.5			.5	.p	::	-:2	2.	::	
41-75					i é	::	.,		.5	.5		• :	.5		
71-46		::	iè.	::	::				::	.c		-:		•3	
47.	.5	::		::	:3	:5	.5			::		٥.	·:	.0	
101 -51		2.4		::		:=	3.7		2.5	.,	.5	::	.0	-0 3.3	
	•	4	••	••	••	••	,	••		• ,	•3	••		3.3	
															1014
₩£ T	1-3	4-10	11-2:	22-23	34 - 4 7		P . 7	1-3	4-15	11-21	27-33	34-47	44.	PCT	PC1
<:	2.0	3.3	•	.:	٠.٤	•:	5	1.6	3.4	. 3	.5	.:	.0	5.7	
1-7	1.:	7.8	- 5	.2	.:	ع.	1.5	1.5	10.3	1.5	.5		.0	13.3	
3	-1	1.4	- 4	.0	.=	٠.	2.4	.2	2.4	2.4	-1	.:	.:	5.5	
5-6		.3	• 2	.0	.5	٦.		.5	- 6	• •	- 1		.0	1.2	
7	-2	•	-5	.:	• ?	-6	•		•2	• 1	- 1	.:	.0	. •	
4-4	.=	- 2	-1	.0	.:	ء.	-:		- 1	-1	.5		.:	•2	
15-11	-5	-с	-6	٠,	- 3	.5	- 3	.5	.c	- 1	-:	.:	-0	-1	
15	.0	•=	.0	.0	- 3	.0			.5	٠.	ء.		.:	-c	
13-16	-=	ء.	••	٠.	• •	.5			.:	٠.	.3	-2	.3	-9	
17-16	.:	.=	••	٠.	• •	•=	-5	.c	٠.	٠.	.5	-9	-9	-6	
20-22	٠.	-0		ء.	٠.	ء.	٠.		٠.	-0	.5	-5	.0	-c	
23-25	-6	.0	.5	٠.	ء.	ع.	٠.		.5	٠.	.5	.0	٥.	٠.	
26-32 33-40	::	::	-с	.0	٠.	-€	٠.		٠.	-5	-0	٠.	- 5	- 2	
01-0E	.č		.:	.c	•5	-5	-6		٠.	-5	.,	2:	.0 .3	-:	
44-45		::		.5	٠:	3. 3.	-5		.c	::	-6	•-	:3	-0	
61-72				.5	٠.	.5	.5			.5	-3	?. ?.		٠.	
71-44	::	.5	::	.5	:	::	-5				.e		.c ::	.:	
47-			::	::	:-		-5		.:				.5	.:	
161 961	3.4	13.9	1.4	:5	::	.:	14.0		17.7	5.1	-c			24.3	27.D
(1			1.4					3.2	1	>**	- 3			44.3	

THE THE PROPERTY OF THE PROPER

	+145	3>660	10121	*5 584	w[ :5w1	( ***		
# <b>\$</b> 1	E-3	4-15	11-21	22-33	24-47	40-	PC1	TOT
			_	_	_	_		245
<1	22.8	1	. 7				38.4	
1-5	5.4	33.4	٠.5	.0			<b>~3-3</b>	
	1.1		4.5	-1			13-4	
5-6		1.7	1	-1	ء.	-6	3-2	
7	-0	- 2	- 2	.1	.:			
4-9	-6	.2						
10-11		.0					- 3	
17	-6							
:3-14			::				::	
17-14	ء.	.0	. 5				-5	
20-22	-5	٠.	.0				-0	
23-25	-3	-0	٠.5				-2	
20-32	.5	.:	٠.5	-2	.:	.c	.c	
335	-2				.:	-6	.:	
4:	.:		ء.		.¢		•ċ	
44-55	.5	.3	٠.٤					
61-70								
71-44		:5	::				:.	
47.								
47.	.2	.=	.2	.0	.:	-0	.:	
					_			1843

FE=125	4	:-2	1-5	5-6	7	6-6	10-1:	13	19-16	17-14	56-55	27-25	34-33	37-40	41-46	49-45	41-70	71-86	87-	TOTAL	={4% #57
<4		25.4	14.7	3.4	. 7	.2	-1	•	•			-2	.0	.0		.:		-:	.5	2912	2
		2.*	5.4	3.0		- 2	-2	•	-1		.:									443	
4-4	- 1	1.1	2.5	1.3	- 3	-1	•	•	٠.	•		٠.٤			.:	.0	.0			287	•
10-11	-0	1.3	-5	- 5		•	•	-:	.:	•		.0	.3	.0		-0	.2	-:	.0	134	•
12-13				- 5	. 2	٠.	.7	•	٠.	3.		.5	.0	.c	.5	.0		3.	- 6		•
>12	.=	-\$	•	.3	-2	-1	•	-6	•		•	•	•	.0	. 5		.5	.c	.5	37	7
14061	15.2	2.7	2.2	- 6	.2	-:	•	•	•	•	.0	٠.		-0	- 6	5	.:	.:	٠.	1340	
TOTAL	1344	1710	1374	553	134	• 3	14	•	,	•	1	:	5	=	ε	:	5	:	•	5204	2
PC1	24 - 4	32.4	76-5	4.7	2-4		- 3	-2	• :	- 1	•	•	.c	-5	. 5	.5	٠.5	ء.	٠.	100.0	

PRICENT PREQUENCY OF ATHER OCCURPENCY PY WIND CIRECTION

PRICENTATION TYPE

WHO DIR RAIN RAIN ORZE FRZG SHOW OTHER HAIL PERN AT PERN PAST THOS FOG FOG WO SPOKE SPURY NO PERN PAST THOS FOG FOG WO SPOKE SPURY NO PERN HAZE REW OUST STATEMENT OF THE PERN PAST THOS FOG FOG WO SPOKE SPURY NO PERN HAZE REW OUST STATEMENT OF THE PERN PAST THOS FOG FOG WO SPOKE SPURY NO PERN HAZE REW OUST STATEMENT OF THE PERN PAST THOS FOG FOG WO SPOKE SPURY NO PERN HAZE REW OUST STATEMENT OF THE PERN PAST THOS FOG FOG WO SPOKE SPURY NO PERN HAZE REW OUST STATEMENT OF THE PERN PAST THOS FOR THOS

ABLE 2

one has the manufacture of the second of

PERCENT ERECUENCY OF MEATHER CCCUPPENCE BY HOUR

TABLE 1

PERCENTAGE FREQUENCY OF WIND DIRECTION PY SPEED AND RY HOUR

PERIOC: (PRIMAPY) 1953-1979 (OVER-ALL) 1861-1979

TABLE 4

APE# 0006 MANZANILLO SE 17.6% 102.94

					٠		
CHULNIAUE	FREQUENCY	UF	FIND	25660	81	, 5	

				61 NO	SPEEC 1	KNOTS			PCT	TOTAL
HOUR	CALM	1-3	4-10	11-71	22-33	34-47	48.	PEAN	FREC	085
00603	6.5	11.3	58.1	22.0	1.8	. 3	. 1	8.1	100.0	26571
06609	11.6	11.5	55.3	17.5	1.6	. 2	. 1	7.5	100.0	24658
12615	14.5	14.2	55.7	14.1	1.3	• 2		6.5	100.0	25568
14651	12.7	17.8	54.1	13.6	1.4	. 3	•			24520
•								7.1		105317
	11.4	11.8	55.8	17.2	1.5	• 2	•		100.0	

TAPLE 5

. . . . .

	PCT FRE			LOUD A		(EIGHTHS)		1					CEILIN					
						MEAN												
WND DIP	0-5	3-4	5-7	72280	TOTAL	CLOUD	149	150 299	300 599	600 999	1000	2000	3500 4999	5000 6499	6500 7999	€000•	APY HGT	
				****	***		• • • • • • • • • • • • • • • • • • • •	•,,	• • • •	•••		,.,,	****	.,,				***
	4.0	1.9	2.0	. 8		3.5	•	•	. 1	. 3	.5	.2	. 1		•	•	7.3	
۸E	1.8	1.0	1.3	. 6		3.4	•	•	. 1	. 2	. 3	. 2	. 1	•	•	•	3.7	
E	1.9	1.5	2.4	1.6		4.3	.1	. 1	• 2	.6	. 8	. 3	. 2	- 1	•		5.0	
SE	1.6	1.7	3.0	1.4		4.3	. 1	. 1	. 2	. 7	1.0		• 2	- 1	•	•	5.4	
S	1.2	1.1	1.5			4.0	•	•	- 1	• 3	. 4	.2	- 1	•	•	•	3.5	
Sw	1.9	1.3	1.6	• 7		3.7	•	•	- 1	. 3	.4	.2	. 1		•	•	4.3	
•	11.2	6.9	6.0	1.9		3.3	-1	•	• 2		1.4	.7	. 3	• 1	- 1	- 1	21.4	
Nu	11.5	5.4	5.5	1.9		3.3	.1	•	• 1	. 7	1.4	.7	• 3	• 1	• 1	. 1	20.8	
YAR	.0	.0	.0	.0		.0	.0	•0	•0	.0	.0	•0	.0	•0	.0	.0	•0	
CAL	5.6	2.6	2.5	• 7		3.1	•	•	. 1	• 3	. 5	• 3	- 1	•	•	. :	10.0	
101 065					80503	3.5												80503
TOT PCT	40.7	22.6	25.9	10.0	100.0		.5	. 3	1.0	4.3	6.8	3.1	1.5	. 5	. 3	. 3	81.4	100.0

TABLE 7

### CUMULATIVE PCT FREG C: SIMULTANFLUS OCCURRENC

				VSBY (NH	)			
CEILING	= 08	= CR	= 0R	2 OR	= OR	I 08	= CR	2 0R
(FEET)	>10	>5	>5	>1	>1/2	>1/4	>50YD	>0
= CR >6500	٠.	.6	.6	.6	.6	.6	.6	.6
2 CR >5000	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
= OR >3500	2 - 3	2.5	2.6	2.6	2.6	2.6	2.6	2.6
= OR >2000	5.0	5.6	5.6	5.7	5.7	5.7	5.7	5.7
= CR >1000	10.7	12.1	12.4	12.4	12.4	12.4	12.4	12.4
2 OR >600	13.8	16.2	16.6	16.7	16.7	16.7	16.7	16.7
= OR >300	14.4	17.0	17.5	17.6	17.7	17.7	17.7	17.7
= OR >150	14.5	17.2	17.7	7.9	17.9	17.9	16.0	15.0
= OR > 0	14.7	17.5	14.2	14,3	18.4	18.4	18.5	10.5

TOTAL NUMBER OF OBS: #2869

PCT FPEQ NH <5/8. 81.5

TABLE 7A

#### PERCENTAGE FRED OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 OBSCO OBS 21.2 19.9 18.0 23.5 8.4 5.1 4.9 3.5 5.0 .4 27610

							• •						
PERIOD: (PRIMARY) (OYER-ALL)							TA	PLE 8				APE	TA DDD6 MANZANILLO SE 17-6N 102-9W
		P	ERCENT						URRENC ALUES				CF OF
VSB (NH		N	NE	ε	SE	s	S¥	*	NW	VAR	CALH	PCT	TOTAL OBS
	PCP		•	•	•	•	•	•	•	.0	•с	- 1	
<1,		•	•	•	•	.0	•	•	•	.0	•		
	101 1	•	•	•	•	•	•	•	•	•0	•	• 1	
	PCP	•						•	•	.0		. 1	
1/2	CI NO PCP				•	•		•	•			•	
	101 1	•	•	•	•	•	•	•	•	.0	•	• 1	
	PCP	•	•	•	•	•			•	.0	•	. ?	
1<2			•		•	•	•	•	•	.с	•	.1	
	101 2	•	•	•	. 1	•		•	•	•0	•	. 2	
	PCP	•	•	-1	.1	•	•	.1	•	.0	•	.5	
2<5		•	•	• 1	•1			.1	• 1	.0	•	. 4	
	101 t	-1	. 1	•2	• 2	• 1	• 1	. 1	• 1	•	•	.9	
	PCP	- 1	. 1	. 3	. 3	. 1	. 1	• 2	• 1	.0	•	1.3	
5<1			. 3	. 6	. 7	. 3	. 3	1.3	1.2	.0		5.8	
	101 2	.5	. 4	• 9	1.0	.5	٠.	1.4	1.4	•0	.6	7.1	
	P:P	• 1	. 1	.2	. 3	-1	. 1	.?	• 2	.0	. 1	1.2	
10+	NO PCP	7.9	4.2	6.2	6.7	4.0	4.9	23.4			10.3	90.4	
	111 1	8.0	4.3	6.4	7.0	4.1	5.0	23.3	23.1	.0	10.4	91.6	

TABLE 9

VSBY (NH)	SPD KTS	N	NE	£	SE	s	Sw	¥	MK	YAR	CALM	PCT	TOTAL
	0-3		.0	.0	•	•0	•	•		.0			063
<1/2	4-10	·	•	•	·	••		•	:	.0	•	.1	
	11-21				·	·		÷				• • • • • • • • • • • • • • • • • • • •	
	22.		•	•									
	101 1	•	•	•	•	•	•	•	•	·ŏ	•	•2	
	0-3	.0	•	.0	.0	.0	.0	•		•0	•		
1/2<1	4-10	•	•	•	•	•	•	•	•	.0		•	
	11-21	•	•	•	•	•	•	•	•	.0		•	
	22+	•	•	•	•	•	•	•	-0	•0		•	
	101 1	•	•	•	•	•	•	•	•	.0	•	•1	
	0-3	•	•	•	•	•	•	•	•	-0	•	•	
1<5	4-10	•	•	•	•	•	•	•	•	• 2		- 1	
	11-21	•	•	•	•	•	•	•	•	•0		. 1	
	22+	•	•	•	•	•	•	•	•	•0		- 1	
	101 \$	•	•	-1	-1	•	•	•	•	•0	•	. 3	
	0-3	•	•	•	•	•	•	•	•	.0	• 1	.2	
2<5	4-10	:	:	- 1	• 1	•	•	- 1	- 1	•0			
	11-21	•	:	- 1	-1	•	•		•	-0			
	22. 101 2	• 1	. i	•1	.1		. 1	. 2	•	-0		. • ?	
		••	••	• • •	• • •		• 1	• • •	.2	•0	- 1	1.1	
	0-3	-1	- 1	- 1	.1	.1	. 1	• 2	.2	•0	.6	1.4	
5<10	4-10	.3	•2	.3	. 4	•2	• 2	. 8	.8	•0		3.3	
	11-21	- 1	-1	.3	- 3	.1	- 1	- 3	. 3	•0		1.7	
	22+	•	•	• 2	• 2	•	•	- 1	•	•0		. 5	
	101 \$	.5	• •	. •	1.0	.5	••	1.4	1.4	.0	• 6	7.0	
	0-3	1.9	1.0	1.1	1.0	. 9	1.1	3.0	2.4	٠.	10.6	23.3	
10+	4-10	5.2	3.0	3.9	3.9	2.7	3.4	15.1	14.7	.0		51.9	
	11-21	•	• 3	1.2	1.7	.5	• •	4.9	5.3	.0		15.1	
	22+ 101 3	. :	. :	2	-3	-1	. :	2	2	•0		9	
	101 1	7.9	4.3	6.4	6.9	4.1	5.0	23.2	23.0	.0	10.6	•1.3	
	101 095												10233
	INT DET			7.6	4.7	4 . 4			24 . 4			100 0	

PERIOD: (PRI 4RY) 1953-1979 (OVER 4LL) 1861-1979

TABLE 10

APER 0006 MANZANILLO SE 17.6N 102.98 STATE OF THE PROPERTY OF THE P

PERCENT	FREQUENCY	OF	CEILING	HEIGHTS	CFEET, NH	34/83	AND
	0000				4 446114		

 'OUR
 000
 150
 300
 600
 1000
 2000
 3500
 6000
 6000
 1004
 2000
 3500
 6000
 6000
 1004
 1014
 085

 0L 73
 .3
 .2
 .7
 3.4
 6.3
 2.8
 1.4
 .5
 .3
 .4
 16.3
 83.7
 22362

 C6L.\*
 .6
 .2
 1.0
 4.3
 6.6
 2.9
 1.4
 .3
 .2
 .4
 17.9
 82.1
 20081

 12C15
 .8
 .3
 1.4
 5.7
 7.9
 3.3
 1.3
 .4
 .3
 .2
 16.0
 74.4
 20358

 16C21
 .4
 .2
 .9
 3.4
 5.5
 3.0
 1.5
 .6
 .3
 .2
 16.0
 64.0
 29613

 101
 .6
 .2
 1.0
 4.1
 .6
 3.6
 1.5
 .8
 .3
 17.8
 82.2
 100.0

TABLE 11 CUMULATIVE PCT FREQ OF PANGES OF VSB1 (NH) AND/OR
PERCENT FREQ. NCY VSBY (NH) BY HOUR CEILING HGT (FEET,NH >9/8),BY HOUR

1/2<1 1<7 2<5 5<10 10\* TOTAL OBS (GM1) (50TO C1 C5 AND5\* AND 5\* OBS

00403 93.5 26227 82.9 21490 81.0 19215 06609 1-0 24975 90340 7.0 12.0 12615 12615 1.7 \*.z 18621 13621 TOT PCT

TABLE 3 TABLE 14

DUP MAX 99% C % 50% 5% 1% MIN MEAN TOTAL MOUR 0-29 30-59 60-69 70-79 80-89 9C-100 MEAN TOTAL 085 (GMT) 085

PAGE 076

PERIOD: (PRIMARY) (OVER-ALL)

AREA COOL PANZANILLO SE

1951								1	ABLE	17				( - 000	17.64 102.94
	PCT	FREQ	OF A	18 TE	4PERA V	TURC S Alr	LDEG -SFA	F) AN TEMPE	D THE	0000	RRENCE FERENC	OF FOG ( E (DFG F)	<b>■</b> I 1400	I PP(C	IPITATIC\+
AIR-		57 60	61 64	65 68	69 72	13 76	77 AD	8 L	45	89 97	>92	tor	FGG	FOG	
20/	22	.0	.0	.0	.0	•0	٠.	.c	•	•	.5	4	•0	•	
17/	19	.0	•0	.0	.0	•0	•0	•	•с	•	•	10	.0	•	
147	16	.0	.0	.0	.0	.0	•	•	•		•	51	• 0	. 1	
11/	13	.0	٠.	.0	.0	•	•	. 1	. 1	•	.)	230	.:	.2	
9/		.0	.0	.0	.0		•	- 1	. 1	- 1	- 1	431	.0	.5	
7/1	4	.0	.0	. 3	. 0	•	- 1	• 2	• 3	٠,١	. 1	9 . 5	•	1.0	
6		.0	.0	.0	•	•	. 1	. 2	. 3	. 3	•	5 4 3	.0	. 9	
š		.ŏ	.0	.0	•	• 1	• 2	.5	. 6		•	1465	•	1.8	
		ě	.0	.0		. 1	. 3	. 6	1.0	- 4	•	2+76	•	2.7	
,		.e		.0		. 1	. 4	. 6	1.1	. 3		2514	•	2.7	
2		.5				• 2	. 8	2.3	2.0	. 2		5150	•	5.5	
i		.0	.0	.0		. 2	1.0	7.6	2.0	. 1	•	5642	•	6.1	
ċ			•••		. i		2.6	0.5	2.7	. 1		11604		12.5	
-1		.0			:i		2.0	6.3	1.7		.0	17698	•	11.6	
-2		.0	.,	- :		1.1	4.7	8.1			•	13756		14.9	
-3			٠.,		::	1.1	4.2	5.4	Š	•	.0	10431	•	11.3	
-4					. 2	1.5	4.6	4.3	, ž		ě	9902		:0.6	
-5		.0	.0			1.2	3.5	2.4	.;		.0	6766		7.5	
-6			•••	- :	::	.,9	2.2		•		.0	3613		4.1	
-7/		.0	÷.	- :		1.1	2.0			٥.	.0	3726		4.5	
				- :	.1			.;		.0		1146		1.1	
/		.0	-		::	.2	• 1	•		.0		404	.0	***	
-11/			•	•	• • •	• • •	•:	•		.0		65	.c		
-14/		•0	•	•		-			3.	.,	.0	16		•	
-17/ 101		.0	•	•	•	•		• (*		• 1	••	65258	••	_	

PERIOD. (OVER-ALL) 1963-1979

是是这种,这种,我们是这种是是是一种,我们是这种,我们是这种,我们是是这种,我们是是这种,我们是是是一种,我们是是是一种,我们是这种,我们是这种,我们是这种的,

TEBLE 16

131					PC	. t.f. 0	F WILD	SPEFO	INTS. AND GIRE	CTION V	ERSHS S	€# HEIG	HTS (FT,		
131												r.t			
1.0						****	484	274	1+3	4-10	11-21		24-67	47.	PCT
1-2													.0	.0	1.7
1-14				- 1						1.4	.2	.0	3.	.0	
10-11										. 5	. 2	-	.0		
7									٥.	. 1	. 1	•	٠.		• 1
10-11   10										•	•	•	٠.		•
10-11				_	- 0		.c		.0		•	•	•r		•
12-12			-0					•							
13-15				.0		.0	.0	.0	.0	٠.					
17-15						. C	٠.	٠,	.:						
20-22 10 10 10 10 10 10 10 10 10 10 10 10 10							.0	.0	.0		-0				
237-25					.0	G	.0								
26-22 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0				.0	.6		• 0	. 3							
33-60			.0	.0				,c		.0					
No.		.0	.0	٠,				.3							
11-34   12   12   12   13   14   10   10   10   10   10   10   10	41-46							.:							
1		.0	.;				.c				.0				
TOT PCT 1.7	·1-70		.0								• • •				
#61 1-3 4-10 11-21 22-33 34-47 44- ECT 1-2 4-10 11-21 22-33 34-47 45- PCT 1-2 4-10 11-													٠.		2
MGT					-0										
M61	TGT PCT	1.7		1.0	•	.c	•0	8.7	.8	3.5	.6	•	•	•	•.•
MGT															
MGT					_										
11					Ε								****	***	D
1-2															1.6
1															
5 1															
7												-			
3-9															
10-11															
121															
13-16															
17-19															. 1
20-22															
25-25													- 6		•
25-12															•
\$13-40												.0	.0		.0
\$1-\$6														٠.	.c
99-66 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0															
\$1-7; 0 :F :0 :0 :0 :0 :0 :0 :0 :0 :0 :0 :0 :0 :0												.0	٠.	.0	. c
71-66 10 10 10 10 10 10 10 10 10 10 10 10 10													.c	.0	
													٠.		
274 U U U U U U U U U U U U U U U U U U U	27.			.0		.5	.5		·ē	.0	.0	.0	.0	.0	.c
								7.3					. 1	•	7.4

									ANNUAL							
PERIOD:	TOVE	P-#(L)	1963-1	679				TABLE	18 (CONT)				4381	0006	PANZAN 102 ma	ILLO SE
					1 5050 0				AND DIREC	1100 0						
					. , , , ,		3,,,,,	17137	AND DIREC							
HGT	1-3	4-14	11-21	5 22-33	34-47	48.	PCT		1-3	4-10	11-21	22-33	34	48.	PCT	
<1		-:,			.0	0.0	1.1		1-3	1.0	**-**	.0		•0	1.5	
1-2	.2	1.6	.2		.c		2.0		.;	2.1	. ?	::	'n		2.6	
3-4	•		. 2		.0		.,				.2				.,	
5-6	•		.1	•	.5				•	.1	::		•••	•0	. 2	
7	.c	•	.1	•	.0	.0			.0		•		.0	.0		
8-9	.0		•	•	.0	-0			.0		•		•	•0	•	
10-11	.0	.0	•	•	. 5	.0	•		.0	.0	•		.0	-0	•	
12	.0	.0	•	•	•	•	•		.0	.0	•	•	•	•	•	
13-16	.0	.0	4		•	.0	•		.0	.0	•	•	•	-0	•	
17-19	.c	.0	.0	•	• 5	.c	•		3.	.0	.0	.0	. 7	-0	.0	
20-22	.0	.0	.0	.0	. 3	.0	.0		.0	.0	-0	.0	٠.	•	•	
23-25	.0	.0	. າ	.0	• 7	.0	.0		٠.	.0	•0	.0	.0	•0	.c	
26-32	• 0	•0	.0	.0	.0	-0	.0		.0	.0	-0	.0	.0	.0	.0	
33-4C	.0	.0	.0	•0	.0	.0	.0		.c	.0	٠.c	.0	•C	-0	.0	
41-46	•0	.0	.0	.0	• 5	.0	.0		.0	.0	.0	.0	• C	•0	.0	
49-60	.0	.0	•0	.0	• 3	.0	.0		.0	٠.	•0	.0	• 0	-0	.0	
61-70	•0	.0	.0	•0	•0	•0	•0		.c	.0	· c	.0	• 0	•0	.0	
71-86	.0	.c	•0	•0	•0	.0	.0		.0	•0	.0	.0	3.	•0	.0	
67+	-0	0	.0	•0	• 0	-0			•0	.c	.0	.0	٠.	•0		
101 PC1	.7	3.0	.7	-1	•	•	*.5		.9	3.6	.6	.1	•	•	5.4	
				_								N.W				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	46+	PCT	PCT
<1	1.4	3.2	-1		• 0	3.	4.7		1.3	3.2			.0	•0	9.6	• -
1-2	1.0	9.3	1.8	•	- 0	.c	12.1		1.0	9.4	1.8	.0	.0	.0	12.2	
3-4	.2	3.5	2.3	•	•	.c	6.1		.2	3.3	2.0	• 1		•0	6.3	
5-6	•	.5	1.1	- 1	•	.0	1.7		•	.6	1.1	.1	•	•0	1.8	
7	.0	- 1	• 2	- 1	•	.0			• C	- 1	. 3	•	•	•0	. 4	
8-9	.0	•	•	•	•	.0	. 1		•0	•	- 1	•	.0	.0	- 1	
10-11	•0	.0	•	•	•	٠0	•		.0	•0	•	•	•	• C	•	
12	•0	.0	•	.0	•	ō	•		.0	.0	.0	.0	•	•	•	
13-16	.0	.c	•	.0	•	-C	•		•0	•0	•	.0	. c	•0	:	
17-19	•0	.0	•0	•0	• 0	٠.	.0		.0	.0	.0	•0	.0	-0	.0	
20-22	•0	٠.	.0	.0	• 0	•0	.0		•0	.0	.c	•0	.0	•0	.0	
23-25	-0	٠.	•0	•0	•0	.0	.0		•0	٠.	.0	•0	•0	•0	.0	
26-32	-0	٥.	.c	.0	.0	.0	.0		•0	• C	•c	•0	• 0	٠0	.0	
33-40	.0	-0	.0	.0	.0	-0	•0		-0	-0	.0	.0	.0	٠.0	•0	
47-60	.0	.0	.0	.0	.0	.0	.0		•0	.0	•6	.0	.0	•0	•0	
61-70			.0		.5		.0		.0	•0	.0	٠.	.0	•0	.0	
71-86	.0	.0	.0	.0		-0	.0		.o ::	-0	.0	-0	.c	• • •	•0	
87.		.0	.0	:0	.6	.0	.0		.0	.0	3.	.0	3.	•0	.0	
101 901	2.6	16.7	5.6	.2	••	.0	25.2		2.5	16.7	6.1	.2	• • •	• •	25.6	44.4

	WIND	SPEED	(KTS)	VS SEA	HE IGHT	(FT)		
HĢT	Q-3	4-10	11-21	22-33	34-47	48+	PCT	101
(1	17.6	12.7	. 3	.0		.0	30.6	• • •
1-2	4.8	31.0	5.1	•	.0		40.9	
3-4		10.8	7.4	.2	•	.0	19.2	
5-6	- 1	1.8	3.6		•	.0	6.0	
,	-0	. 3	1.0		•	.0	1.8	
8-9	.0	. 1	. 3	.2		•	. 7	
10-11	•0	-0	. 1	. ?	•	.0	. 3	
12	.0	.0	•	•		•	• 1	
13-16	.0	-0	•	. 1	•	•	- 2	
17-19	.0	.0	.0	•	•	.0	• 1	
20-22	.0	.0	J	•	.0	•	•	
23-25	.0	•0	9		•	-0	•	
26-32	.0	.0	.0	.0	.c	•	•	
33-40		.0	٠.	.0	-0	.0	.0	
41-48	.0	-0	.0	-c	.0	.0	-0	
49-40	.с	.0	.0	.0		.0	.0	
61-70	.0	. 5	.0	.0	.0	.0	.0	
71-86	.0	.0	.0	.0	.0	-0	-0	
67 *	.0	.0	.0	.0	.0	.0	-0	
								2 639
TOT PCT	23.9	56.9	17.9	1.6	. 2		100.0	

PER10	D: 101	/{R-\$L	) 174	9-147					TABLE	19											
					PERCEN	FPEQ	UFACY O	F WA	YE HE1:	SHT (F	11 VS	-	00193	ISECON	053						
PERIOD (SEC)	<1	1-2	3-4	5-6	,	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	*1-*8	49-40	61-70	71-56	87*	TOTAL	HEAN HGT
<6	7.7	20.8	15.4	4.9	1.3	.5	.2	- 1	. 1	•	•	-0	-0	.0	.0	. 3	.0	. 0	.0	36551	3
6-7	• 2	2.8	6.8	5.2	2.0	. 8		• 2	.1	•	•	•						. 0	.0	13555	
3-9	. 1	1.1	2.7	2.3	1.4	. 6	. 3	.2	. 1	•	•	•			.0	.0	.0		.0	6479	5
10-11	. 0	. 9	1.1		. 5	. 3	• 2	. 1	.1	•	•		-0				.0	.0	.0	2884	Š
12-13	3.	.0			. 3	. 1	. 1											.0		1336	
>13	.0	•	•			- 1	. 1			•					.0					597	,
INGET	7.0	2.0	2.0	.,		. 1	•1	•	•	•	•	•	.0				.5		.0	10928	i
PCI	17.4	27.5	28.7	15.0	5.6	2.5	1.5	5		2	- 1					.0	.0		- 0		•

PERIOD: (PRIMARY) 1953-1979 10VER-ALL) 1861-1979					TABLE	20				4	25 000	ZANILLO SE 102 %
		PERCENT	FOEG	UFYCY	of occ	LREE N.	.E GF	SEA TE	F 10EG	F) A	* *051#	
SEA THO 141	933 4	M 4 D	100		11197	1141	4446	460	007		nte	 DC T

SEA THP DEG F	JAN	FEP	MAR	100	-44	JUN	JUL	<b>∆</b> UG	\$(P	001	MCV	ngc	456	PCI	
96+	.0	.0	.0	.0	.0	.0	.0	.0	.:	.0	.0	٠,	5	.0	
95/96	.0	.c	.0	• 3	•0	•	.0	•	.0	•	.0	.0	7	•	
93/94	•	.0	•	•	. 1	•	- 1	. 1	•	- 1	. 3	.0	40	•	
91/92	•	. 1	•	. 1	. 3	. 3	.5	. 7	. 4	. 5	• 2	•	263	• 5	
89/93	• 2	- 1	. 1	• 2	1.0	1.7	2.6	4.5	3.1	2.4	1.1	.5	1476	1.5	
87/88	. 6	. 6	. 7	. 9	4.3	5.7	13.1	26.0	15.C	12.0	6.5	2.4	7162	7.3	
85/85	6.0	2.9	2.6	4.5	13.9	26.5	37.6	40.2	37.0	37.2	28.0	13.1	50000	21.2	
83/64	20.3	13.9	10.0	12.2	22.9	31.9	30.7	23.3	29.2	37.6	36.4	30.5	24271	24.5	
81/82	36.7	33.0	25.1	26.5	28.5	21.3	12.0	9.3	12.5	12.5	25.8	32.9	22015	22.3	
79/87	20.8	26.2	24.1	23.6	15.4	5.6	2.1	1.1	1.9	1.9	4.7	15.7	11449	11.6	
77/79	9.1	13.4	10.0	16.6	7.9	2.2	.7	. 4	. 5	. 5	1.3	4.3	6097	6.2	
75/76	3.5	5.4	10.2	9.0	3.4	. 9	. 3	. 2	• 2	. 3	- 6	1.7	2950	3.C	
73/74	1.6	2.3	4.9	3.7	1.1		- 2	- 1	. 1	- 1	.2	. 7	1254	1.3	
71/72	. 6	. 9	2.4	1.7	• 5	. 1	- 1	•	•	•	. 1	• 2	542	- 5	
69/10	• 2	. 5	1.2	. 6	. 3	•	•	•	•	.0	•	. 1	234	• 2	
67/68	- 1	. 2	. 3	• 2	- 1	•	•	.0	•	.0	•	•	76	-1	
65/46	.0	•	. 2	. 1	٠.	•	.0	.0	.c	.0	.0	•	25	•	
63/64	.0	•	- 1	•	• ?	•	.0	•0	.0	.0	٠.	•0	7.1	•	
61/62	.0	•0	.0	- c	•0	•0	.0	.0	٠.	.0	. 7	.0	0	٠.	
\$9/60	-0	.0	.0	.0	.0	٠.	-0	.0	•0	•0	.0	.0	0	-0	
\$7/59	.0	٠.	.0	.0	.0	٠.0	-0	.0	•0	•0	.0	•0	0	٠.٥	
55/56	.0	.0	٠.	.0	•0	.0	-0	.0	.0	.0	.0	•0	٥	•0	
53/54	.0	.0	.0	•0	•0	.0	.0	.0	.0	•0	.c	.0	0	•0	
51/52	٦.		-0	•c	.0	.0	٠.	. 9	.0	٠.0	-0	.0	0	•0	
49/5C	• 5	.0	.0	.c	.0	.0	.0	.0	.0	.0	-0	-0	٥	.c	
47/48	.0	.0	.0	• 0	5.	٠.	•0	•0	•c	.0	.:	•0	0	.0	
45/46	.0		.0	• C	.0	•0	.0	.0	.0	•0	•0	.0	0	•0	
43/44	.0	.0	•0	.0	2.	.0	٠.	.0	.0	-0	.0	-0	0	.0	
41/42 39/40	.0	٥.	.0	2.	• ?	٠.	.0	.c	.0	-0	.0	-5	0	.c	
	•0	.0	.0	.0	.0	.0	.0	.0	2.	.0	• • • •	.0	0	•0	
37/38	9.	• 6	.0	.5	.0	٠.	.0	.c	.0	•0	•0	•0	0	-0	
35/36		.0		٠,	.0	•с	.0	-0	.0	•0	.0	•0	0	.0	
33/34	.0	.0	.0	٦.	7.	•0	٠.0	٠.	.c	•0	•0	.0	0	•0	
31/32	.0	.0	2.	•0	.0	•0	٠.	.c	.0	.0	-9	2.	٥	.0	
\$6120		.0	.0	.0	•0	.0	.0	.0	• C	.0	.0	-0	0	.0	
27/28	-0	-0	.0	•0	2.	.0	.0	2.	.0	.0	•0	.0	0	.0	
<27	.0	.0	.0	.0	.0	.0		.0		.0	.0	.0	0	-0	
TOTAL	7732	7477	8387	828C	9136	1584	8765	8469	4439	6473	7499	7251	95892	100.0	
PEAN	81.0	80.2	79.2	79.8	81.9	83.7	64.6	45.2	84.7	84.6	83.7	82.2	82.5		

# TABLE 21 PRESSURE (MB)

			AV	ERAGE	8Y HOU	D (C=	1)			
										TOTAL
<b>#0</b>	0000	0300	0600	0900	1200	1500	1000	2100	HE AL	045
JAN	1012	1013	1013	1012	1013	1013	.014	1012	1013	7622
FEB	1011	1012	1013	1012	1012	1014	1014	1017	1013	7715
MAP	1011	1012	1013	1011	1012	1012	1014	1012	1017	4657
APR	1010	101.	1012	1011	1012	1612	1013	1011	1017	0553
MAY	1013	101	1012	1310	1011	1011	1012	1010	1011	9502
JUN	1000	1010	1011	1000	1611	1011	1011	1010	1011	8911
JUL	1010	1011	1015	1010	1011	1012	1212	1010	1012	9044
AUG	1010	1011	1012	1010	1011	1011	1012	1010	1011	6929
360	1009	1010	1011	1009	1010	1010	1011	120+	1010	8794
130	1010	1010	1012	1000	1011	1011	1012	1010	1011	8786
MOV	1011	1012	1012	1010	1013	1012	1013	1011	1017	8046
DEC	1012	1012	1013	1011	1012	1013	1014	1012	1013	7442
444	1010	1011	1012	1010	1017	1012	1013	1011	1012	102201
085	\$+004	1136	22453	1 - 71	22415	55.00	26325	1722		

### PERCENTILES

ĦĐ	<b>~I</b> ~	12	51	?51	501	751	951	492	*41
JAN	995	1006	1009	1012	1013	1014	1017	1014	1023
fEP	959	1006	1:09	1011	1013	1014	1014	1016	1024
MAR	1000	1004	1038	1011	1012	1014	1016	1017	1024
APR	995	1004	1001	1010	1012	1013	1015	1017	1023
#AY	955	100.	1007	1010	1011	1013	1013	1016	1021
JU≒	995	1003	1006	1000	1011	1017	1014	1015	1023
JUL	***	1003	1006	1010	1012	1013	1015	1014	1025
ALJ	995	1005	1007	1010	1012	1013	1015	1014	1023
SEP	~95	1002	1004	1009	1010	1012	10.4	101:	1020
130	995	1003	1007	1009	1011	1012	:014	101e	1022
404	390	1005	1000	1011	1012	1013	1015	1017	1021
DEC	594	1007	1009	1011	1013	1014	1014	101*	1026

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PERIOD: (PRIMARY) 1952-1979 (OVER-ALL) 1861-1979

TABLE 1

APEA 0007 #CAPULCE SCUTH

#### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY SINC DIRECTION

			,	RECIPI	14110	TYPE					CIHER	PETTHER	PHE 40	MENA	
NAO DIP	PAIN	PAIR SHER	DRZL	FRZG PCPh	5 NO b	GTHER FRZN PCPN	PAIL	PCPA AT OR TIPE	PCPR PAST HOUR	THOS LING	FCG b0 PCPA	FCG BC PCPA PAST HR	SPORE maze	SPRAY BLEG CUST BLEG SACE	
	.7	.3	.2	.0	.0	.0	.0	1.2	. 4	. 8	- 1	.0	٥.	.c	96.9
NE	2.1	.3	.2	.0	.c	.0		1.6	. 6	. 3	. 6	.0	. 6	•0	66.3
ř			.3		.0	.0		1.0	.3	. 2	. 1	.с	. 9	.c	47.5
šε	1.0		.č			.0	.c	1.0	1.0	.c	. 3	.0	1.1	.¢	96.7
, ,	1.0		.0				.0				.0	.0	. 8	.0	47.5
Šw			3.				. 5	.0	.5	.2	.0	. 3	.2	.c	98.7
••		٠.			.0	.0			.2	. 3	.2	•	. 3	• 0	48.8
N.	.ž	.2	:;		.0		.0	. 4	. 3	. 5	. 3	.0	.5	- 1	67.9
VAR	:6			.0			.c		.C	.0	٠.	.c	.c	.c	٠.
			.1	.0			.0		.1	. 3	.5	.0	1.5	.с	97.2
CALF	• 5	- 1	• 1	.0		••	••	••	••	• • •	•••		•••	•••	•••
101 PC1 101 0ES:	6976	-1	.1	•0	.0	.0	•c	.6	.3	.4	.3	•	.1	•	57.7

TABLE 2

#### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOLR

			F	RECIPI	14110	N TYPE					OTHER	PETTHER	PHEND	MENA	
H0L₹ 16™1	PAIN	RAIN SHER	C#ZL	FRZG PCPh	SHOL	OTHER FRZN PCPN	HAIL	PCPR AT OB TIPE	PCPN PAST HCLP	THEP LTYG	FOG WC PCPA	FOG WO PCPA PAST HP	SMCKE HAZE	SPEAY BLUC DUST BLUG SACU	
006 4 06607 12615 14621	.2 .5 .3	.1 .2 .2	.1 .2 .2	.0	.c .c .c	.0 .0	.0 .0	.3 .6 .7	.2 .5 .5	.2	.3	.0	1.C .e .7		98.7 96.7 96.6 98.3
101 PC: 101 085:	.3 7263	•1	•1	.0	.0	-0	.0	•5	.•		• 3	•	.7	•	67.7

TABLE 3

#### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		win	D SPE	-	151								HCLP	(GPT)			
WHO DIR	0-3			22-33		•••	TOTAL	PC1 FREQ	MEAN SPD	CC	03	~e	C+	12	15	18	21
	3.2	7.2	. 9	.1	.0	.0		11.5	6.1	5.3	4.7	9.2	3.9	16.3			11-7
Áξ	1.5	5.4	1.0	. 2	•	.0		8 - 3	7.2	4.7	6.0	4.6	7.4	10.0	12.7	11.2	7.0
i.	1.6	5.6	1.1			.0		8.5	7.4	6.3	5.3	7.4	3.7	9.1	7.3	11.6	3.5
šŧ	1.3	3.C		•	.0			4.4	6.1	5.5	2.3	4.6	5.4	2.7	4.7	6.2	3.1
•	.,	2.4	.;					3.3	5.4	6.1	1.7	3.4	3.4	1.5		2.7	3.5
Š.	1.5	4.1		.č	.0				5.7	12.8	10.3	5.7	10.6	2.0	3.3	3.4	6.5
-	3.0	15.2	2.7	•				21.7	6.9	37.9	35.2	23.4	34.0	11.5	15.0	13.2	25.2
•						.0		19.7	6.6	13.1		19.3			24.3	20.4	27.6
No.	3.6	13.9	2.1	:					2.0		· · · · ó		.0			٠	- 0
AVA	.0	-0	.0	٠.	.0	-0		0				19.9		21.9	17.7	15.8	11.9
CALM	16.3							14.3	٠.	4.2	50.0		13.6				
101 085	2552	4325	664	45	2	٥	7592		5.5	1709	150	1632	116	1623	230		135
TOT PCT	33.6	57.0	8.7	. t	•	-0		100.0		100.0	100.0	100.0	100-0	100.0	100.0	100°C	100.0

TABLE JA

		wind	SPEED	(KN0TS)						+661	(GPT	ı
BND 018	0-6	7-16	17-27	28-40	41+	TOTAL	PCT	PEAR	CC	26	12	16
						CBS	FREG	SPE	ε,	£*	15	21
	7.8	٠	.2		.0		11.5	6.1	5.3		16.0	15.0
NE		2.9			•		8.3	7.2	4.6	4.4	10.3	10.9
	9.7	3.3		- 1	٠,٢		8.5	7.4	6.3	7.2		11.3
še	3.2	1.4			3.		4.4	6.1	5.3	1.1	2.4	5.9
36	2.2	1.0	•:	.č			3.3	5.4	5.7	3.	1.5	2.7
		1.9		::	.c		6.0	5.7	12.4	6.0	2.1	3.6
3.	• -1						21.7	6.9	37,	24.3	12	14.0
v	12.1	1.3	•3	•0			19.7	6.6	13.2	19.3	24.9	21.C
NH	11.4	8.0	• 2	٠.	.c							
Y & B	.0	-0	.0	٠.	٠.		٠٠	.0	.0	•с	.с	3.
CALF	16.3						16.3	.0	9.1	14.5	21.	15.5
TOT CRS	5073	2381	125	11	1	7592		5.5	1959	1748	1003	21+2
101 PCT	64.6	31.4	1.6	- 1	•		1.5.0		100.0	100.0	100.0	156.6

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PEFIOL (PRIMARY) 1952-1979 APEA COO? ACAPULCE SCLIF-(OVER-ALL) 1861-1979 TABLE 9 15.7N 99.Cb

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GHT)

| MOUR CALM | 1-3 | 4-10 | 11-21 | 22-33 | 34-47 | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48- | 48-

TAPLE 5 TAPLE 6

•	CT FRE			CLOUD A	MOUNT (		•					CEILIN NE CS/						
WND DIR	0-2	3-4	5-7	8 £	TOTAL OBS	CLOUD COVEP	CD0 149	150 29°	300 500	600	1000	2000 3499	3500	5000	65CD 7999	*CCC+	AH (5/F AHT HGT	
	7.8	2.2	1.3	.4		2.1	•	-0	•	. 1	•2	. 1	.2	•	•	•	11.0	
ME	5.6	1.5		. 3		5-0	•	-0	•	. 2	- 1	. 1	•	•	•	•	7.7	
£	5.3	1.8	1.4	-2		2.4	.0	.0	. 1	. 1	• 2	.2	. 1	•	•	•	7.5	
SE	2.7	1.1		. 1		2.5	.0	•	•	. 1	.2	. 1	•	•	٠.	. (	4.3	
5	2.2	. e	- 3	.1		2.0	.0	-0	.0	- 1	. 1	•	•	.0		٠.	2.1	
2.8	3.7	.3		- 1		2.1	.0	.0	•	.1	- 2	•	. c	•	•	٠.٤	5.6	
	14.8	. 1	2.4	. 3		1.9	•	•	•	. 1	. 3	.2	. 1	.0	•	• 1	20.€	
NU	14.0	3 6	1.9			1.8	.0	.0	•	• 2	.2	. 2	.1	. 1	.1	•	19.0	
VAR	.0		-0	.0		.0	.0	.0	.0	.0	.0	.0	.c	.0	.c	٠.	.c	
CALM	11.4	2.7	1.6	.2		1.7	•	.0	•	. 1	. 3	.2	. 1	.0	•		15.1	
TOT 085	3650	1104	639	118	5711	2.0		3	13	60	102	71	34	13	10	11	5:44	5711
TOT PCT	67.4	19.3	11-2	2.1	100.0		.1	-1	• 2	1.1	1.8	1.7	. 6	•5	• 5	. 2	64.3	100.0

は、日本ので

TABLE ?

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCUMPENCE
OF CEILING MEIGHT (NH >>>) AND VSBT (NH)

						VSBY (NF	1			
	CI	EILING	: CR	= CR	= 08	= OR	= 0R	= 09	: 00	: CR
	- 11	FEETY	>10	>5	>2	>1	>1/2	>1/4	SCYD	>0
:	OR	>6500		. •						٠.
:	0.	>5556	-6	.6	-6	. 6	- 6	. 6		
:	CR	>3500	1-1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
:	CR	>2000	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
=	CR	>1050	9.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
=	CR	26 DC	5-0	5.2	5.3	5.3	5.3	5.3	5.3	5.3
7	OR	>300	5.2	5.4	5.5	5.5	5.5	5.5	5.5	5.5
:	08	2150	5.2	5.4	5.5	5.5	5.5	5.5	5.5	5.5
:	OR	> 0	5.3	5.5	5.6	5.4	5.6	5.4	5.6	5.4
		TOTAL	314	327	332	333	333	332	334	334

TOTAL NUMBER OF ORS: SANT PCT FREG NH 45/8: 44.4

TABLE 74

PERCENTAGE FREG OF LOW CLOUDS (EIGHTHS)

D 1 2 3 4 5 6 7 8 085CC 085

.14	w	45	4	٥	٧

							٠.							
PEPIOD: (PRIMART) 1 (OVER-ALL) 1							14	8LE 8				ARE	4 0007 1	ACAPLLCC SOUTH 5.7h 99.0h
		P	ERCENT						URRENC IALUES				E OF	
VSBY (4+1		•	ME	E	SE	s	Sw		WR	VAR	CALM	PCT	TCTAL OBS	
<1/2		4C	3. 2.	.0	.c	.0 .0	.c .c	.c .c	•0	.0	.c	.¢	•••	
	101 1	•			٠.				•	.c	•1	• 1		
1/2<1	PCP NC PCP 101 %	.0 0.0	.0	.0	.0	• • • •	 0.	.0 .0	.0	3. 0.	 2.	.0		
	PCP	•	•	•	.0	.0	.0	.0	.0	.0	.0	•		
1<2	NO PCP 101 1	• 0	•¢	•	:	.0	.0	.c	.0	.c	•0	. i		
245	PCP NC PCP	.0	:	:	:	.0	.0	•0	:	.0	•0	:1		
	101 1	•	•	-1	•	.0	•	•	.1	•0	•	.2		
5<10	PCP NC PCP TCI 2	:	:	.:	.2	.0 .1	.0 .2 .2	.5	.5	.c	•3	3.C 3.1		
	PCP	•1	•	•	•	•	.0	.c	•	.0	•			
10+	NC PCP	11.0	7.8	8.2	4.5	3.1	5.4	21.2	19.4	.0	15.1	96.3		

TOT DES TOT PCT 11.5 %.; 8.8 4.6 3.3

TABLE +

.0 15.6 100.0

			1						12161r		EC		
45PT (N#)	SPE KTS	N	46	ε	SE	s	56	•	hu	ATD	CALP	PCT	TOTAL OBS
	0-3	•	.0	•0	.0	.0	-0	.0	•	.0	-1	.1	
<1/2	*-1C	•	•	•	.0	.c	-0	.c	•	.0		- 1	
	11-21	.0	•	.0	.0	.0	- C	-0	.0	.0		•	
	55.	.8	.0	-0	.0	.0	• 5	.0	.0	.0		.c	
	101 \$	•	•	•	-0	.0	•0	-0	•	.0	- 1	• 2	
	C-3		-0	.0	.c	.0	٠c	.0	-0	-0	.0	.0	
1/2(1	4-10	.0	•	.0	-0	.c	- 0	.0	.0	-0		•	
	11-21	.0	.0	.0	.0	.0	-0	.0	•0	.0		.0	
	22.	.0	.0	.0	.0	.0	-0	-0	.0	-0		.0	
	101 #	.0	•	.0	-6	-6	• C	.0	.0	.0	-0	•	
	0+3	.0	.0	-0	٠.	.0	- C	•	.0	.c	.c	•	
1<2	4-10	.0	•	.0	•	.0	•0	-0	.0	.0		•	
	11-21	•	•	•	-0	.0	- C	•	.0	.0		•	
	22+	.c	.0	.c	.c	.0	.0	.0	.0	.0		.c	
	101 2	•	•	•	•	.c	•0	•	٥.	.0	.0	- 1	
	C-3	•	•	•	٠.	.c	٠.	.0	•	.0	•	. 3	
2<5	4-10	•	•	-1	•	-0	•	•	•	.0		•2	
	11-71	.0	.0	•	•	.0	•	•	•	٠.		-1	
	22•	.0	.c	•	•	-0	-0	-c	.0	.0		•	
	101 3	•	•	- 1	•	.0	•	•	-1	.0	•	. •	
	C-3	.1	•	- 1	- 1	•	•	•3	-1	.c	. 3	1.0	
5<10		-2	. 3	-2	-1	-1	• 1	- 3		-0		1.6	
	11-21	- 1	•	- 1	•	•	•	•	•	٠.			
	27.	.0	•	•	.0	.с	٠.	-0	.0	.0		. 1	
	101 1	••	••	. •	- 3	- 1	•\$	- \$	.5	•0	. 3	3-1	
	C-3	3.0	1.5	1.5	1.2	.1	1.4	3.4	3.5	.c	15.4	22.3	
10-	4-10	7.0	5.1	5.4	2.9	5.3	4.0	14.4	13.4	.0		55.1	
	11-21	. •	. •	1.0		-2	. 3	2.6	2.1	.c		0.3	
	22+	- 1	-2	• 2	.0	.0	- C	•	•	.0		- 6	
	101 2	11.0	7.7	8.1	4.5	3.2	5.6	21-1	19.0	.0	15.9	76.3	
	101 CPS												7350
	TOT PCT	11.5	8.2	8-6		3.3	+ C	21.6	19.6	.0	14.4	100.0	

JANUAR

(OMEM-WFF) 1691-1946 LESIOD. (BELWERA) 1825-1846

TABLE 10

AREA COOT ACAPULCO SOUTH

## PERCENT FREQUENCY OF CEILING HEIGHTS (FEET,NH >4/8) AND OCCURRENCE OF NH <5/8 BY HOUR

HOUR (G#1)	149	150 299			1000						TOTAL	AF <5/8	
COEO3	-C	.0	.2	1.1	1.7	1.3	-6	.2	.3	• 2	5.5	94.5	1557
C+ ED+	-1	.1	.1		1.6	1.5	. 3	.1	.1	•2	4.9	95.1	145"
12615	-1	.0	-1	1.4	2.2	.9	.4	. 3	-1	.2	6.1	93.9	1465
16621	-1	.1	.4	.•	1.4	1.1	. 6	.2	.2	-1	5.1	94.9	1751
101										11			6228

TABLE 11

14816 12

		PERCENT	FREQUES	CY 1527	(NH)	<b>PY HOUP</b>		CLPLLAT					4587 (KM) 4138 45LB	
HOUR (GPT)	<1/2	1/2(1	1<2	245	5<10	10•	TOTAL CES	HQUR (GPT)	<150 <5070	<600 <1	<10CG	100C+	AH (5/6	TCTAL CES
00203	•2	-0	.1	.3	2.1	97.4	1839	00003	-1	. 3	1.4	4.3	**.3	1474
COECT	-2	•9	.1	.4	4.0	15.3	1803	06109	+1	. •	1.4	3.9	14.5	1390
12615	-1	-1	.2	.4	4.1	95.3	1865	12615	. 1	.2	1.0	4.7	•3	1907
10621	.2	•	.1		2.9	**.*	2166	14021	.1	. 7	1.4	3.8	••	144*
101 PC1	13	2	,,	29	249 3.2	7373 96.1	7473 100.0	101 PC1	. 1	23	1.6	248 5.2	5¢	5947 100-0

TABLE 13

TABLE 14

是一个,也是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,我们是一个,

	PFRC	[4] FP	EGLERC	T CF 4	ELATIV	HUP 21		Y 16*P				PERC	[NT FR	EGUENC	1 CF 8	INC EI		4 BY T	4+3	
16 <b>**</b> f	C-29	30-34	40-49	50-59	60-69	70-79	80-89	*D-1CC	CBS	FREG	×	46	£	SE	s	Sw	•		412	CALP
95/99	-0	.0	.0	-1	•	.0	.0	.c	5	-1	.0	-0	.c	.c	.c	٠.	•		.c	-1
90/94		+C	.c	- 2	. 3	- 1	- 1	.0	40	.7	-1	• :	-1	•	•	-1	. 1	- 1	.0	-1
85/89	.0	.0	.0	- 5	2.8	2.4	.5	•2	394	4.0		-5	.5	.4	.2		1.7	1.4	.c	.4
60/84		+0	- 2	1.0	12.1	3:.0	14.6	2.7	3716	63.8		4.9	5.2	3.1	2.5	4.5	15.3	12.4	. :	4.3
75/79	.0	-0	.1	-3	1.6	11.0	11.2	3.5	1609	27.6	3.7	2.6	2.8	1.1	. •	1.,	4.5	5.6	.0	5.7
70/74	.0	•0	.0	.0	•	• 3	- 3		61	1.0	-2	•2	.1	•	.0	•	- 1	.2	٠.	-2
45/69	.5	• C	.0	.0	.0	.0	•	.c	1	•	-0	•	.c	.c	٠.٤	٠.	.с	.0	.c	
TOTAL	C		1*	115	784	2748	1548	395	5826	100.C										
PCT	.0	•0	-2	2.0	16.5	41.2	26.9	6.8			11.4	1.3	4.4	4.6	3.3	4.0	21.7	19.7	• 2	16.5

TARLE 15

場合の語が接続に関係を感覚があるというではなられない。 では、100mmのでは、100mm

148LE 16

	"EARS.	EZTAER	ES AND	PERCE	HILES	OF TE	P (DE	G F> 8	T HCUR		PE 90	(m1 +85	668464	CF RELA	TIVE M	,F1C117		•
HOUR	*AT	***	952	502	51	11	ri4	MEAN	1014L CBS	#CL= 15≈13	6-54	30-54	40-44	70-74	#C-49	40-160	*{ 4 h	TOTAL
00103	••	47	44	82	78	75	4.0	81.7	1693	E0163	- 0	2.4	22.4	50.3	14.8	4.5	75	1466
43340	94		87	80	77	74	4.8	74.4	1434	93340	-0	1.0	4.3	44.4	32.4	7.6	79	1437
12615	95	44	62	74	75	73	70	78.9	1912	17115	• ¢	1.2	7.7	41.2	39.1	10.7		1467
18621	15	90	87	62	78	75	70	82.2	2204	10621		3.9	25.0	47.5	18.4	4.5	7.	1681
101	16	48	25	81	77	74	68	60.7	7848	101	Ċ	123	1525	2875	1642	414	77	4075

JANUARY

PERIOD: (PRIMARY) 1952-1979 (OVER-ALL) 1861-1979

TABLE 17

AREA COOT ACAPLLEC SCLTH

PCT FREC OF ALL TEMPERATURE (DEG F) AND THE OCCUPATING OF FOG (WITHOUT PRECIPITATION)
TS AIR-SEA TEMPERATURE () FEMERATION (DEG F)

					•						
AJR-SEA	65	47	73	77	41	85	.,	>92	107		#C
TPP DIF		72	76	60		**	92			FOG	FCG
17/15	.0	.c	.c			.0	.c		2	.0	•
14/16	.0	.0	.0	.0	•	•	•	.0	5		.1
11/12	.0	.0	.0		- 1	•	- 1	-1	21	.c	.3
9/10	.0	.0	.c		.2	•	- 1	•	22	•0	.3
7/8	.0	.0	•	- 1			. 3	•	83		1.3
ŧ	.c	-0	.0	.2	•2	. 3	. 1	.c	51	.0	. 6
Š	.0	-0	•	. 3		. 6	. 1	.0	111	.0	1.7
		.0	•	. 3	1.3	1.C	- 1	-0	179	.c	2.7
;	.0	.0	•	. 3	1.4	1.0	•	•C	162	•	2.7
ż	-0	.0	. 1		3.4	1.3	•	٠.	367	•	4.0
1		.0	.1	. •	•.3	.7	٠.	-C	400		£.C
	.c	•	.7	3.3	9.3	- 6	•	•6	473	•	13.4
-1	.0	.0	. 1	4.6	8.2	-2	- C	.0	867	•	13.0
-2	-0	•	. 3	7.3	*.2	•	. C	٠.	1053	•	15.9
- 3	.0	•	. 3	4.5	1	-1	٠.	-0	725	•	10.0
- 4	-0	•	.5	7.7	2.4	•	.0	-0	771	. 1	10.0
٠.	.0		.5	4.	1.3	. c	. c	٠.٤	425	.c	5.5
	.0	•	. 7	2.6	• •	•	.с	-0	248	٠.	3.7
-1/-2	.0	•		1.7	-2	.0	. C	-0	182	•	2.7
-97-19		•	. 3	. 3	•	-0	.c	.C	4.3	.c	. 6
-11/-13	•	- 2	. 1	-1	.5	-0	.0	•0	18	3.	. 3
-19/-16	•	•	.:	.0	-6	٠.	.0	٠.	2	• C	•
TOTAL	3		274		3090		52			17	6617
		22		2769		412		12	4634		
PCT			4.1	41.7	46.6	6.2		-2	100.0	- 3	99.7

PERIOD: :04EP-4LL1 1963-1979

TABLE 18

				PC	1 FPEC 0	F 6180	SPEED I	KTSI AND DIFE	110h v	casus s	E4 +616	+15 (FT)	1	
				N							46			
H67	1-3	4-10	11-21	22-33	30-07	48*	PCI	1-3	4-1C	11-21	22-33	39-97	48-	PC1
<:	1.3	3.2	.0	.0	.5	.0	4.5	1.1	1.5	.5	-0	•0	-c	2.4
1-2	.7	4.7	. •	.6	.c	.0	5.4	-5	2.9	-2	٠.	٠.	-c	3.6
3-4	.с			.0	٠٤	.c	1.3	-1	1.4	.4	-1	٦.	-с	2.1
5-6	-0	.2	-1	- 1	٠.	٠.	-5	<b>-</b> C	-2	. •	.0	.0	-0	.6
7	-C	.0	.6	- 1	.c	٠.	-1	.0	.0	• 1	- 2	٦.	•c	•2
8-9	-5	٠.	.0	-6	٠.	-0	-0	-0	.0	-1	.c	.:	٠.	-1
10-11	-6	٠.	.0	.0	٠.	.0	.0	-0	٠.	- 1	.c	•¢	٠.	• 1
12	- C	.0	٦.	.0	.c	.0	.5	.0	٠.	-6	.5	٠.	2.	.с
13-16	-6	.0	.0	.c	٠.	.0	.0	.0	٠.		•	٦.	-5	•
17-19	-0	.0	٥.	.0	. с	.c	.0	.0	.c	•0	-1	.0	٠.	-1
20-22	٠.	.0	.0	-C	٠.	-0	.c	.0	٠.	-0	э.	.с	-с	.0
23-25	.0	.0	.0	.c	-c	-0	.c	.0	.0	-¢	-0	.c	.ç	3.
26-32	.c	٠.	٠,	.0	٠.	-c	.c	-0	-0	- C	۶.	.0	٠.	• •
33-40	.c	.c	.5	.0	٠.	.0	.0	.c	-9	-0	-0	٠.	٠.	٠.
41-43	-6	ع.	.0	.c	٠٤	-0	٠.	.c	•\$	٠.	٠.	.c	٠.	- 0
49-60	.c	.0	-0	.c	.5	.:	.0	.0	.c	-c	.c	C	٠.	•=
61-70	.c	.0	.0	-6	٠.	.0	.c	.:	.0	-0	-0	•6	٠c	-0
21-86	.0	٠.5	.5	.0	- C	-c	.0		.c	-6	٠.	٠.	.c	.c
27-		-6	٠.	.0		.0	-6		.c	.0	٠.	э.	٠.	•.3
101 PCT	2.0	•.0	.*	.2	٠.	.0	12.2	1.6	4.2	1-3	•3	.c	٠.	••3
				_										
MET	1-3	4-IC	11-21	22-33	30-07		PC1	1-1	4-10	11-21	22-33	34-47		PCT
(1	1-3	2.2		0	3.	3.5	2.0	•.5	1.4	·- ::				2.1
1-2		3.3			::		3.4		2.3	• • •		-1	.0	3.0
3-9	::	1.3		.1	::		2.1	.;		•	3.	3.	.č	. 7
5-6	::	*:3		i.c			1	i	•	٠.	.0		.5	-1
7	::	::		.:		.c	, 4	.c	٠.				-c	٠.
4-9	::	. č			::	3.		.0	.c		.0	•:	٦.	.1
10-11		.5		3.	.ē			.0	.6		.c	٠.	.c	.c
12		٥.		.c			.0		٠.:	-0	.0	٠.	.c	٠.
13-16					.č				٠.		٥.	٠.		٦.
17-19	.š				.č			-0	٠.	- ċ	٠.		.c	.c
20-22			.5				.0		٠.	•€	-6	•€	-6	.0
23-25	.5	::	ň		::			.0	.0		.0	٠É	-6	.c
26-32		::					5.	.0	.0		.c		ء.	3.
33-4C		3.			3.	.0	.c		3.		3.		3.	٠٤
41-48	.c	- : :			3.	.č			3.			.c	.c	.c
*****	.0	::	::		: :						٥.	.c	.:	.c
61-75	.5		::	.0			.5		.c	-0		.0	.0	.0
71-46	.5	3:	::		3:	::	::	::			3.			.c
87.	.,	::	::		::		::	::					.3	.c
101 001	• • •	7.7					• • • •	1.0	4.5	.2		. c	.0	4.0

#### CCC7   ACAPTIC CS CLT   15-3   A-10   11-21   22-33   38-87   48- PCT   ACAPTIC CS CLT   15-3   A-10   11-21   22-33   38-87   48- PCT   ACAPTIC CS CLT   15-3   A-10   11-21   22-33   38-87   48- PCT   ACAPTIC CS CLT   15-3   A-10   11-21   22-33   38-87   48- PCT   ACAPTIC CS CLT   ACAPTIC CS CLT   ACAPTIC CS CS CS   ACAPTIC CS CS CS CS   ACAPTIC CS CS CS CS   ACAPTIC CS CS CS CS CS   ACAPTIC CS CS CS CS CS CS   ACAPTIC CS										JANUARY							
MGT	PERIOD:	: (CYE	F-ALL 1	1963-1	<b>479</b>				TABLE	18 (CGLT)				1871			
MGT					• 0	1 FREC 0	F SIND	SPEED	(K, 21	AND DIREC	TICK W	CPSLS S	:4 +EIG	+15 (FI	,		
C																	
1-2																	
3-4																	
5-6																	
8-9																	
8-9																	
10-11																	
13-14																	
13-16																	
17-19																	
20-22																	
23-25																- 1	
24-12																	
33-8C	26-32	.0	٠.	.0	- 0		.0	.0			-0						
**************************************	33-4C	.c	.0	.0	.0	٠.	.0	.c		.0	.0		.c				
\$\partial \chi \chi \chi \chi \chi \chi \chi \chi	41-48	.0	.c	.0	.0		-0	.0		.0	-0	.0	.c				
73-66	49-60	.0	٠.	.0	-0	٠.	-0	.0		-0	-6	3.	.0		.c		
101 PC1   .5   2.8   .1   .0   .0   .0   .0   .0   .0   .0	61-70	.c	٠.		-0	.0	.0	.0		.0	.0	-:	.0		.c	-0	
TOT PCT   15   2.4												٠.	.c	.c		٠.	
H6T 1-3 *-16 11-21 22-33 38-87 *88 *PCI 1-3 *-16 11-21 22-33 38-87 *89 *PCI PCI (1 2.0 3.7											-6					.0	
Heft 1-3 *-16 11-21 22-33 38-07 *40 PCT 1-3 *-16 11-21 22-33 38-07 *40 PCT 1-4 *-16 11-31 11-3	101 PC1	.5	2.4	-1	•c	٠.٤	.0	3.0		1.0	*.*	•5	.:	ء.	.0	5.*	
Heft 1-3 *-16 11-21 22-33 38-07 *40 PCT 1-3 *-16 11-21 22-33 38-07 *40 PCT 1-4 *-16 11-31 11-3																	10141
C1 2-0 3-7	HST	1-3	*-1C	11-21	22-33	34-47	41.	PCT		1+3	4-10	11-21		34-47	40.	PCT	
1-2 1.2 7.7 .8 .0 .c .c .0 9.7 1.1 8.1 .5 .c .c .c .c .c .c .6 4.4 3-9 12 .5 .7 .0 .c .c .0 3.2 12 .2 .8 .c	C1	2.0		.0	.0	.c		5.8		1.9	4.2			• • •		4.2	
\$\frac{5}{4}\$ \$\frac{1}{1}\$ \$\	1-2	1.2	7.7		-c		.¢	9.7		1.1	\$ - 1	. 5	.:	٠.		7.4	
27 10 10 10 11 10 10 10 10 10 10 10 11 11	3-4	- 1	2.5	. 7	-0	٠.	.0	3.2		-1	2.2	- 0	٠.	.:	.:	3.1	
10-11   10   10   10   10   10   10				-1				- 3		.5	•2	• 7	-6	-5	٠.		
10-11												- 1	-1			•2	
12																	
13-16																	
17-19																	
20-22																	
23-25																	
26-32 .C																	
33-80 .C																	
41-48																٠.	
\$4-\$0 10 10 10 10 10 10 10 10 10 10 10 10 10																	
61-70 .0 .0 .0 .3 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0																	
71-94 10 10 10 10 10 10 10 10 10 10 10 10 10																	
	47-	-6	3.		-6	::				-6	- :		-0				

	<b>61</b> 81	SPEFS	10:21	42 264	HE16#1	(FT)		
451	0-3	4-10	11-21	55-33	34-47	***	*CT	101
(1	23.4	15.0	.2	ء.		.c	42.4	,
1-2	4.4	31.4	2.3	.c				
3-4		4.3	3.0	.1			12.9	
5-6		1.0	1.2				2.4	
7	::							
8-1			. ?				.;	
10-13						::	i.i	
12	3.							
		-0	-6				-1	
13-16	-0	.0	٠.	- 1	-5	٦.	-3	
17-14	٠.	-0	-0	- 1	-9	٠.	- 1	
20-22	-0	-c	-6	- 0	٠.		.c	
23-25		-0		.c	-:	٠.	٠٤	
26-32			3.	.0		.0		
33-90	ā.	.c	ء.					
91-98		 3.				::		
34-46	::							
			٦.			-0		
41-15	.0	.5	•¢					
71-8e	.0	.0	٠.	3.	ء.	٠.	٠.	
67-	.0	٠.	٠.	.5	.0	-0	٠٤	
								1341
TGT PC1	35.8	41.C	7.3		.0	.5	100.0	

THE SECTION OF THE PART OF THE

PER100: 109ER-4LL) 1949-1979 148LE 14 C1 1-2
11.9 25.3
.3 2.7
.1 1.0
.0 1.2
.0 .0
16.3 2.2
1997 1609
28.6 32.9 3-4 13-5 5-6 2-D -4 -5 -0 1-8 1258 24-8 3-4 2-5 1-E -3 -3 -2 -3 -2 -6 0-0 .4 .5 .2 .1 .1 2791 665 782 155 75 25 1070 1067 100-0 .6 1.2 .7 .3 .1 .1 .2 165 3.3 .......... .1 .2 .1 ... . . . . . . . . . . . . . ...... ....... ......... .......... ........... .......... ......... .......... ......

FE02U101

PERIOD: (PRIMARY) 1951-1974

TABLE 1

APER OCCT ACAPLLCC SCUTH

PERCENT FRECLENCY	CF	LIATER	CCCLERFACE	witer	CIBECTICA

			•	266121	TATIO	4 17PE					C1>{4	<b>LEATHER</b>	**[40	-[-1	
PPD 015	RAIN	SHLR	CRZL	FRZG PCPM	5 N.C.	61HER FR2h PCP4	##1L	PEPS ST OB TIPE	PCFN PAST HCGP	THEP LING	FCF NC PCPN	FOG MO PCPA PAST HR	3#C#E ##26	SPEAT BLOG CLST BLOG SAGE	80 516 864
	-1		ء.	-0	.c	.c	.0	. 1			.c	.c	.•	.c	48.3
46	-2	-2	.c	.0	.0	.0	٠.	- 5	.с	-2		æ.	1.3	.c	40.0
E	.0	-5	.2	.0	.c	.0		.7	.0	- 5	. 2	.c	2.0	٦.	46.7
SE	.0		. 3	.0	.0	.0	-0		•€	.5	- 1	.c	.7	٠.	\$7.5
\$	.0	.7	3.	٠.	.0			. 7	-5	1.4		٠.	1.4	٠.	**.*
Šb	.1			.5	.0	.0	.c	. 3	• ?	.2	٠.	.c	1.3	.:	48.C
	•	- 1	. 1		.c			-1	-1	٠.	-1	٠.		-1	48.4
36	-1	. 3	-1	3.	٥.	- 0	a.		•	. 3	. 1			٠.:	\$8.3
YAR			3.		.c		.0	.5	-c	2.		.5	٠.		
CALP	3.		.0		.5		.5		•2	-1	. 5	.c	2-1	-1	47.0
TOT PC1 TOT 085:	****	-2	-:	٠.5	-0	.c	.:	. 3	.1	•2	-1	.c	1.1	•	14.0

149LE 2

#### FERCENT FREGULACY OF MEATHER OCCUPATACE BY HOLD

				466123	TATIC	- 1178					CIFE	* ******	PPEAC	*[44	
+2L2 (6-1)	PAIN	4+1% 5#6#	C#ZL	FRZG PCPN	Suce	61H[R FRZN PCPN	MAIL	PCPh AT GB TIPE	PCPS PAST MOLE	1#2# L 1%6	F06 60 P(PL	FCG MC PCPA PAST PB			
25653	.5	-1	-1	-0	.s	.0		-2	٠.	-1	.c	ء.	.7	-1	14.1
CALCS	-1	. 3	.0	.0	٠.	ء.		- 3	-1	.7	-3	.5	1.1	-1	\$7.5
12615	-1	-2	-1		.c	٠.	-0	- 3	- 3	- 4	-7		1.4	3.	47.4
16221	-1	-1	•	.5	.:	.0	.c	- 3	•	•	-1	.5	1.4	-0	48.1
101 PC1	7199	-5	.1	.0	-0	.c	ء.	.5	-1	-3	-1	.c	1.2	•	48.0

14816 3

#### PERCENTAGE PREGUENCY OF MIND DIRECTION BY SPEED AND BY HOLE

		-1-	0 SPF6		ETSI								*SUB	15-11			
PFD DIE	0-3	<b>4-10</b>	11-71	55-33	34-47	***	TOTAL	*C?	95 E S	55	£3	Ş.	54	12	15	1.0	51
	2.4	4.4			.0	.c		10.4	4.1	5.1	•.•	1.0	3.0	;•.•	:5-3	13-	4.2
3.6	1.5	3.0	.,	- 1	•	ء.		5.4	4-4	3.3	2.5	4.3	2.4	7.5	9.2	4.1	7-1
i i	1.4	3.0	1.0	. 1	.c			6.3	7.1	4.3	•.2	5.4	• . 2	7.4	5.3	8.1	7-3
32	1.0	2.4	- 3	- 0				4.1	4.3	4.2	9.7	3.8	4.6	2.6	1.1		5.8
•		2.2		3.		.3		3.1	5.7	5.0	7.4	3.1	5.4	1.2	2.2	1.4	4.2
54	1.0							4.1	4.2	15.1	12.0	5.5		3.5	3.4	3.5	4.4
-	3.4	10.0	4.4	- 1		٥.		27.1	7.5	-1.5	34.2	23.5	33-6	17.8	22-5	14.8	25.0
	1-4		3.1	-1	.5			22-1	7.5	15.2	10.7	25.7	24.6	26.7	35.2	24.7	24.5
443			7.6		-3	J.E		3.	3.	3.						3.	
CAL-	14.1							14.1	.=	4.5	11.0	10.1	11.0	19.0	15.5	15-1	4.2
151 585	2264	4354	835	25		2	7430		5.5	2765	119			1524	210	2554	130
124 761		57.4	11.2		:			100.0					105-0		155-6	14C.C	100.0

1/8L\* 3A

		<b>-192</b>	19665	******						+56	16+1	,
-NO CIE	2-6			28-45	41-	TETAL	PCI	-145	"	24	12	1.0
			• •		_	ces	FREE	345	£3	5.0	15	21
	6.7	3.5	-2	•	-5		15.4	4-1	5.=	7.7	14.4	13.4
45	3.4	2.1	.:	•	•		9.4	4.5	3.3	4.3	7.8	8.3
ť	3.4	2.4	- 3	•	٠.٤		4.3	7-1	4.3	5.5	7-1	7.0
36	2.3	1.5	- 1	-5			4.1	e-2	4.2	4.7	2.5	
ŝ	3.3	1.6					3.1	5.7	3.4	3.3	1.3	7.1
3.	4.3	2.4	- 4		.5		4.4	4.2	19.5	6.1	2.2	3.4
	13-1	11.4					27.1	7.5	45.4	29.7	14.9	25.2
Š.,	21.5	10.0	. 3				22.1	7.5		25.0		
118							3.					٠.
CALF	14.1		•••				10.1					
101 005	****	2715	165	,	1	7430		5.5	1000			
181 961	41.4		1.0		:	3 -	122.2				100.0	

FEBRUARY

PERIOD: (PRIMARY) 1953-1975		AREA DOD? ACAPULCO SOUTH
(CVER-ALL) 1863-1979	TABLE +	15.7H 99.CW

WIND SPEED (KHOTS) 4-10 11-21 22-33 34-47

HOUR CALM .C .1 . .5 .1 .3 .4 25 .....

TABLE 5 TAPLE 6 PCT FREQ OF TOTAL CLOUD SHOURT (EIGHIMS) BY WIND DIRECTION PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT,NH >4/8)
AND OCCURRENCE OF NH <5/p> HEAN CLOUD COVER 5-7 & E TOTAL 085CO 095 600 1000 999 1999 2000 3500 5000 6500 8000+ NH (5/R TOTAL 3499 4999 6499 7999 ANY HGT OBS .C 1C.1 • 5.6 • 6.C • 2.7 • 6.4 • 26.C • 1 20.6 • 0 4 • 14.C 1C 5492 • 25.1 N NE E SE S SW W NY VAR CALM TOT OBS .3 .2 .2 .1 .4 .3 .0 .2 109 1.9 .1 .1 .1 .2 .1 .0 .1 .1 .1 .1 .1 .1 .2 .0 .2 .7 1.0 7.7 4.1 4.5 2.4 2.0 4.5 20.2 16.3 .0 11.3 4214 73.1 1.5 1.1 .9 .6 1.3 4.2 3.2 .0 1.9 912 15-8 1.0 .7 .9 .6 .3 .7 2.2 1.8 .0 1.3 545 9.5 .2 .1 .1 .1 .5 .3 .0 .1 95 1.7 1.9 2.0 2.4 2.0 1.9 1.6 1.5 000000000000 .1 .0 .1 .1 .0 .23 . . . . . . . . . . . . . 5766 100.0 TABLE 7 CUMULATIVE PCT FREQ OF SIMULTAMEDUS OCCURRENCE OF CEILING HEIGHT (NH >4/8) AND VSBY (NH)

						VSBY CHE	13			
	51	EILING	= CR	= OR	= OR	= OR	= OR	= CR	= CR	= CR
	(1	FEETI	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
		>6500	.3	.3	.3	.3	.3	.3	• 3	.3
:	0R	>5000	.4	. 4	.4	.4	. 4	. 4		
Ŧ	0R	>3500	.7	.8	.8		. 8	. 8	. 8	. 8
:	OR	>2000	1.7	1.8	1.8	1.8	1.4	1.8	1.8	1.8
:	OR	>1000	3.4	3.6	3.7	3.7	3.7	3.7	3.7	3.7
=	0R	>(00	4.2	4.6	4.6	4.6	4.6	4.6	4.6	4.6
:	OR	>300	4.3	9.7	4.1	4.1	4.8	4.8	4.8	4.8
:	OR	>150	4.3	4.7	4.8	4.1	4.4	4.8	4.8	4.1
:	OR	> 0	9.4	4.8	4.9	4.9	• . 9	4.9	4.9	4.9
		TOTAL	242	287	290	291	291	291	291	291

TOTAL NUMBER OF OBS: 5970

是不是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是 第一个时间,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是一种,我们就是

TABLE 7A

PERCENTAGE FREG OF LOW CLOUDS (EIGHTHS)

F	78	k	u	ŝ	£	١

PERIOD: (PRIMARY: 1953-1979 (OVER-ALL) 1863-1979	TABLE 6	AREA CODT ACAPULCO SOUTH
	PERCENT FRED OF WIND DIRECTION WS OCCUPRENCE OR HON-OCC	CLRAFACE OF

			EPCENT	FREG (	OF HIND	D CIRCO	CIION	WS OCC	UPRENCI	CR N	ION-OC	CLRPENC	E OF
				PREC	PITAL	ICH HI	TH YAR	YING Y	ALUES	of vis	IBILII	۲	
4587			NE	ε	SC	s	SW		NW	VA	CALM	PCT	TOTAL
	PCP	.0	.0	.0	.0	.0	.0	•	.0	.0	.0	•	
(1/-	HC PCF	.0	• 6	.0	.0	•0	.0	.0	.0	.0	.0	.0	
	101 1	.0	č	.0	.0	.0	.0	•	.0	.0	·c	•	
	PCP	٥.	.0	.0	.0	.0	٠.	.0	.0	.0	.0	.c	
1/2(1	NC PCP	.0	٠.	.0	.0	.0	.0	-0	.0	.0	.0	.0	
	TOT &	.0	٠.	.0	.0	.0	.0	-0	•0	•0	•0	.0	
	PCP	.0	• C	.0	.0	.0	٠.	.0	.0	.0	.0	.0	
1<2	NC PCP	.0	٠.	•0	.0	.0	.0	-0	•	•0	.0		
	TOI 1	•0	•¢	.0	•0	•0	.0	٠.	•	•0	•0	•	
	PCP	.0	.с	.0	.0	.0	.0	•	.0	.c	.0	•	
2<5	NO PCP		•	.0	.0	•	•	. 1	. 1	• C	- 1	. 3	
	TOT &	•	•	•0	.0	•	•	- 1	. 1	•0	• 1	. 3	
	PCP	.0	•	•	•	•	•		•	.c	•0	- 1	
5<10	NC PCP		. 2	. 3	• 2	. 1	• 2	. 6	. 9	٠.0		3.2	
	IOI &	. *	• 2	- 3	• 2	• 1	•2	.6	. •	•0	• •	3.2	
	PCP	•			•	•	•	.c	. 1	.c	.0	.2	
10+	NO PCP	10.1	5.8	6.1	4.0	3.0	6.6	26.2	20.9	.0	13.5	96.2	
	TCT E	10.1	5.8	6.5	*•0	3.0	6.7	26.2	20.9	•0	13.5	56.4	
	TOT OBS												6880
	TOT PCT	10.6	6.C	6.4	4.2	3.1	6.9	26.9	21.9	.0	14.0	100.0	

TABLE +

V58Y	SPD		NE	£	SE	s	Sw		NW	VAR	CALM	PCT	TOTAL
(NP)	KTS												CBS
	0-3	•0	.0	٠0	.0	•0	.0	•	.0	-0	.0	•	
<1/2	4-10	•	.0	.0	.0	.0	.0	.0	.0	.0		•	
	11-21	.0	•	•	.0	.0	.0	-0	.0	.0		•	
	22+	.0	.0	.0	•0	.0	.0	-5	.0	.0		.0	
	101 1	•	•	•	.0	•0	•0	•	.0	.0	.0	•	
	0-3	.0	.0	•		.0	.c	.0	.0	.0	.c	•	
1/2<1	4-1C	٠.	.0	•0	•0	•0	.0	.0	.0	.0		.0	
	11-21	.0	.0	-0	.0	•0	-0	-0	.0	.0		.0	
	22+	•0	٠.٥	-0	.0	.0	.0	.0	.0	.0		.0	
	101 2	•0	.0	•	•	.c	•0	-6	.0	•0	.0	•	
	0-3	.0	.0	.0	.0	-0	.0	.0	.0	.0	.0	•0	
1<2	4-10	•0	•	•0	•	•	•0	•	•	•0		• 1	
	11-21	•0	•0	.0	•0	-0	.0	.0	•0	-0		•0	
	22+	.0	•0	.0	.0	.0	• C	-0	.0	.0		-¢	
	.01 \$	.0	•	.c	٠	•	.0	•	•	.0	٥.	•1	
	0-3	•	.0	.0	.0	.0	.0	•	.0	-0	.1	. 1	
2 < 5	4-10	•	•	•	.0	•	.0	- 1	. 1	.0		. 3	
	11-71	•0	•	-0	.0	.0	•	•	•	.0		• 1	
	22+	.c	.0	.0	.0	.0	.0	.0	.0	-C		.0	
	101 1	.1	•	•	•0	•	•	-1	. 1	.0	•1	.•	
	0-3	.1	•	•	•	•	- 1	.2	.2	.0	. •	1.0	
5<10	4-10	•3	-1	- 1	• 1	. 1	-1	. 3		•0		1.7	
	11-21	•	•	-1	-1	•	•	- 1	• 1	-0		• •	
	22+	•	•	•	•0	•0	.0	•	•0	.0		1	
	TOT E	••	•2	. 3	• 2	• 1	• 2	.6		•0	. •	3.1	
	0-3	2.7	1.5	1.4	1.0	.7	1.3	3.5	3.4	.0	13.5	29.1	
10+	4-10	6.6	3.5	3-7	2.5	2.1	4.7	18.4	14.7	.0		56.1	
	11-21	.8	• 6	• •	• •	• 2	.6	4.3	3.0	.0		10.9	
	55.	•	- 1	- 1	-0	.0	.0	1	1	.0		3	
	101 2	10.1	5.7	6.C	3.9	3.0	6.6	26.3	21.2	.0	13.5	96.3	
	260 101												7263
	730 731	10-6	€.6	4 . 1	4 - 1	1.1	4 - 8	27.0	22.2		14.0	100.0	

FFARUARY

PERIOD: (PRIMARY) 1953-1979 (OVER-ALL) 1863-1979

TABLE 10

IREA DOD? ACAPULCE SOLTH

ERCENT	FREGUENCY	OF	CEILING	HEIGHTS	IFEET.NH	24/81 ANC

HOUR (GMT)	149	150 299							4500 7999		101AL	AH 45/8 AHY HGT	
00603	. 1	•0	.1	.7	1.4	1.1	-1	•5	.1	•2	4.0	96.G	1618
06609	•2	•0	.3		1.5	.9		•1	. 3	.0	4.8	95.2	1410
12615	-1	•0	.1	1.1	2.6	1.4	.1	.1	.0	• 3	6.0	**·C	1418
10621	.0	•0	-1	1.0	1.9	.6	.5	• 2	.0	• 2	4.4	95.6	1754
TOT PCT	.1	.0			114		23		. S		246	59C4	6200 100-0

TABLE 11

TABLE 12

PERCENT FREQUENCY YSBY (NH) BY HOUR							CUMULAT					VSET [KM]		
HCUR (GHT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL 085	HOUR (G#T)	(150 (50YC	<600 <1	<1000 <5	1000+ AND5+	NH <5/8 AND 5.	TOTAL ORS
00603	.0	•0	-1	.3	1.9	97.7	1489	00103	.1	-1	1.0	3.1	*6.0	1561
06609	-1	•0	•1	•5	4.2	95.2	1692	03604	•2	.5	1.0	3.6	**.6	1361
12415	-1	-1	.1	.6	4.5	14.5	1790	12615	•5	.•	2.0	4.7	93.3	1345
18021	•	.0	•0	•2	2.3	97.4	2157	10651	.0	.2	1.2	3.3	95.4	1683
101	3	1	•	25	237	7249	7528	101	?	17	. * *	217	5665	5970

TABLE 13

TABLE 14

PERCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP											PERC	ENT FA	EGUENC	Y 0F W	IND DI	RECTIO	. BY I	EMP		
TEMP F	0-29	30-39	40-49	50-59	60-69	20-29	80-89	10-100	TOTAL	PCT FREQ	4	NE	€	SE	\$	SW		NV	VAR	CALF
95/99	•0	•	.0	.0	•	.0	.0	.0	2	•	-0	•	.0	.0	.0	٠.			.0	.0
90/94	.0	.0	•	. 3	. 4	.1		.0	49	. 6	•1	-1	•	.1	•	•	. 2	-3	.0	
85/89	•0	•	- 1	. 6	3.7	3.1	.5	.3	478	8.2	. 8	.5	. 4		• 3	. 4	2.4	1.9	.0	
80/84	.0	.0	2	1.3	14.2	32.3	11.5	2.2	3584	61.7	6.0	3.6	3.6	2.6	2.2	5.1	17.5	12.6	.0	8.7
75/79	.0	.0	•	. 4	7.1	12.7	10.2	3.1	1656	28.5	3.6	2.0	2.1	1.0	45	1.0	6.7	6.9	.0	4.6
70/74	•0	.0	.0	.0	•	.1		• 2	43	.7	•1	-1	•1	•	•	•	.1	•2	.0	- 1
TOTAL	0	2	16	147	1193	2609	1308	340	5812	100.0										
PCI	•0	•	• 3	2.5	20.5	40.3	22.5	5.8			10.6	4.3	6.5	4.1	3.0	6.6	26.9	21.8	.0	14.1

TABLE 1

TABLE 16

***************************************													*****				
MEANS,	EXTREM	ES AND	PERCER	TILES	OF 1EP	P (DE	G F1 0	Y HOUR		PERC	ENT FRE	CUENCY	OF RELA	TIVE H	UF10111	84 HQU	R
MAX	***	45%	501	5%	12	HIH	SEAN	TOTAL	HOUR	0-29	30-59	40-49	70-79	60-69	90-1CC	PEAN	TOTAL
95	29	46	82	79	77	73	42.1	1919	00603	.0	3.9	28.0	49.4	15.4	3.4	73	1562
95	14	82	79	75	73	70	78.9	1821	12615	.0	1.1	12.2	46.4	34.3	16.2	78	1368
95 95	91 89	86	82 81	78 77	76 74	70 6E	82.5	2190 7638	18621 TOT	.0	5.1 170	30.5 1232	45.7	15.3 1345	3.5 355	73 76	169C 6037
	#AX +5 +1 +5 +5	MAX 99% 95 29 91 84 95 84 95 91	HAX 99% 95% 95 29 66 91 84 82 95 84 82 95 91 88	MEANS, EXTREMES AND PERCENTAL TO THE PERCENTAL TO THE PERCENTAL THE PERC	MEANS, EXTREMES AND PERCENTILES  MAX 992 952 502 5t  95 29 66 82 79  91 84 82 80 77  95 84 82 79 75  95 91 88 82 78	MEANS.EXTREMES AND PERCENTILES OF 1EM  MAX 992 952 502 52 12  95 89 66 82 79 77  91 84 82 80 77 75  95 84 82 79 75 71  95 97 98 88 82 78 76  96 97 76 76	MEANS, EXTREMES AND PERCENTILES OF TEMP (DE MAX 992 952 502 5% 12 MIN 95 09 66 82 79 77 73 91 84 82 80 77 75 68 95 84 82 79 75 73 70 95 91 88 82 79 75 73 70 95 91 88 82 79 75 73 70	MEANS-EXTREMES AND PERCENTILES OF TEMP (DEG F) 6  MAX 992 953 502 52 12 MIM NEAM 95 29 66 82 79 77 73 42-1 91 84 82 80 77 75 68 79-8 95 84 82 79 75 72 70 78-9 95 91 88 82 78 76 70 82-5	MEANS-EXTREMES AND PERCENTILES OF TEMP (OEG F) BY HOUR  MAX 99% 95% 50% 5% 1% MIN NEAN TOTAL  95 29 86 82 79 77 73 42-1 1919  91 84 82 80 77 75 68 79-8 170  95 84 82 79 75 72 70 78-9 1821  95 84 82 79 75 72 70 78-9 1821  95 91 88 82 79 75 72 70 82-5 2190	MEANS-EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR  MAX 992 953 502 55 12 MIM NEAM TOTAL 085 (GMT)  95 89 86 82 79 77 73 42-1 1919 00603  91 89 82 80 77 75 68 79-8 1708 06609  95 84 82 79 75 73 70 78-9 1821 12415  95 91 88 82 78 76 70 82-5 2190 18221	MEANS.EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR PERCENTILES OF TEMP (DEG F) BY HOUR O-29  MAX 992 952 502 5t 12 MIN SEAN TOTAL HOUR 0-29  95 89 66 82 79 77 73 42-11 1919 00603 .0  95 89 82 80 77 75 68 79-8 1708 06609 .0  95 89 82 79 75 72 70 78-9 1821 12215 .0  95 91 88 82 78 76 70 82-5 2190 18221 .2	MEANS.EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR PERCENT FRE  MAX 992 953 502 5t 12 MIN SEAN TOTAL HOUR 0-29 30-59 085 (GHT) 95 89 86 82 79 77 73 42-11 1919 00603 .0 3.9 91 89 82 80 77 75 68 79-8 1708 08600 .0 .5 95 88 82 79 75 72 70 78-9 1821 12615 .0 1-1 95 91 88 82 78 76 70 82-5 2190 18621 .0 5-1	MEANS-EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR PERCENT FREQUENCY  MAX 992 953 502 5t 12 MIN SEAN TOTAL HOUR 0-29 30-59 60-69  95 69 66 82 79 77 73 42-11 1919 00603 .0 3.9 28-0  91 89 82 80 77 75 68 79-8 1708 06609 .0 .5 12-2  95 88 82 79 75 72 70 78-9 1821 12615 .0 1-1 8-0  95 91 88 82 78 76 70 82-5 2190 18621 .0 5-1 30-5	MEANS-EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR PERCENT FREQUENCY OF RELA  MAX 992 953 502 5t 12 MIN SEAN TOTAL HOUR 0-29 30-59 60-69 70-79  95 89 66 82 79 77 73 42-11 1919 00603 .0 3.9 28.0 49.4  91 89 82 80 77 75 68 79-8 1708 08609 .0 .5 12-2 52-3  95 88 82 79 75 72 70 78-9 1821 12615 .0 1-1 8.0 46-8  95 91 88 82 78 76 70 82-5 2190 18621 .0 5-1 30-5 46-8	MEANS.EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR PERCENT FREQUENCY OF RELATIVE HITMAN 992 953 502 5t 12 MIN SEAN TOTAL HOUR 0-29 30-59 60-69 70-79 60-69 70-5 59 66 82 79 77 73 62-11 1919 00603 .0 3.9 28-0 49.4 15.4 91 84 82 80 77 75 68 79-8 1708 06600 .0 .5 12.2 52.3 27.4 95 88 82 79 75 72 70 78-9 1821 12215 .0 1.1 8.0 96-8 34.3 95 91 88 82 78 76 70 82-5 2190 18621 .0 5.1 30.5 85.7 15.3 95	MEANS.EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR PERCENT FREQUENCY OF RELATIVE HUPIDITY  MAX 992 953 502 5t 12 MIN SEAN TOTAL HOUR 0-29 30-59 60-69 70-70 60-69 90-100  95 69 66 82 79 77 73 42-1 1919 00603 -0 3.9 28-0 49-4 15-4 3-8  91 84 82 80 77 75 68 79-8 1708 06609 -0 -3 12-2 52-3 27-9 7-2  95 84 82 79 75 72 70 78-9 1821 12615 -0 1-1 8-0 46-4 34-3 16-2  95 91 88 82 78 76 70 82-5 2190 18621 -0 5-1 30-5 45-7 15-3 3-5	MEANS.EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR  MAX 972 953 502 5t 12 MIN SEAN TOTAL  95 69 66 82 79 77 73 42-11 1919 00603 -0 3.9 28-0 49-4 15-4 3-4 73  91 84 82 80 77 75 68 79-8 1708 06609 -0 .5 12-2 52-3 27-9 7-2 78  95 84 82 79 75 72 70 78-9 1821 12215 -0 1-1 8-0 46-4 34-3 16-2 79  95 91 88 82 78 76 70 82-5 2190 18621 -0 5-1 30-5 85-7 15-3 3-5 73

FEBRUARY

PERIOD: (PRIMARY) 1953-1979 (CVER-JEL) 1863-1979

TABLE 17

AREA DODT ACAPULCE SOUTH

PCT FREG OF AIR TEMPERAT	URE LOEG F1 AND TH	E OCCURRENCE OF FOG	(WITHOUT PRECIPITATION)
ν:	AIR-SEA TEMPERATU	RE DIFFEPENCE IDEG	F)

AIR-SEA	65	69	73	77	81	85	89	>92	101		WC.
TPP DIF	68	72	76	60	64	80	92	_	-	FOG	FCG
14/16	.0	.0	.0	-0		.c	٠	•	5	·c	.1
11/13	•0	.0	.0	•	- 1	•	•	• 1	19	٠.	. 3
9/1C	-0	.c	3.	•	.2	• 2	.2	•	37	٠.5	.6
7/8	.0	-0	.0	• 2		. 4	. 4	•	92	.0	1.4
ŧ	-0	.0	.0		. 4	.5	. 3	.0	82	•0	1.3
ē	.0	.0	•	• 2	. 7	1.0	- 1	•	130	٠C	2.1
4	• 0	.0	.0		1.1	1.1	. 1	.0	170	. c	2.6
3	.0	.0	•	- 3	1.5	1.2	•	.0	197	.0	3.0
2	.0	.0	- 1		4.2	1.4	•	.0	420	. 0	6.4
2 1	.0		•	. 1	5.1	.,	.0	.0	460	.0	7.0
Ċ	.0	.0	• 1	3.3	10.4	. 6	.0	•0	928	•	14.3
-1	.0	.0	. 1	4 . 1	8.3	. 3	.0	•0	838	.0	12.8
- 2	.0		.2		7.4	• 1	·c	.0	1001		15.3
- 3	.0	-0	2	7.2	3.3	.1	.0	•0	714	•	10.9
	.0	•0			1.9	•	.0	•0	615	•	9.4
-5	.0		. 7	4.4	1.0	•		.0	401	.c	6.1
- č	.0	.0	. 7	2.2	. 3		.0	.0	205	•	3.1
-7/-8	.0	•		1.3	• 2	٠.	.0	·c	152	.0	2.3
-9/-10	.0	. 1	.2		•		.0	-0	46	.c	. 7
-11/-13	•			.1	.0	-0	.0	.0	11	.c	.2
-14/-16	.0	.0	٠.	٠.		-6	·č	.č	- ;	.0	
TOTAL	1		263		3034	•••	75		-	10	6533
	•	13	,	2641	3034	504	.,	12	6543	••	
PCT	•		4.0		46.4	7.7	1.1		100.0	. 7	99.8

PERIOD: (CYER-ALL) 1963-1979

TABLE 18

				PC	T FPEC C	F wIND	SPEED	(KTS) AND DIRE	CIION W	ERSUS S	EA HEIG	HTS (FT	•	
				٨.							NE			
HET	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48*	PCT
<1	2.3	1.5	•1	.0	٠.	-0	3.9	1.3	. 9	.0	.0	.0	.0	2.2
1-2	.7	5.4	- 5	•0	- C	•0	6.6	•3	2.2	.1	-0	.0	-c	2.6
3-4	•5	1.0	• 5	•0	• C	•0	1.8	.1	• •	.3	.0	.0	.0	.9
5-6	•0	٠2	• ?	•0	• C	-0	. 4	.0	•	.2	٥.	.0	-0	•:
7	•0	•0	- 1	•0	•¢	٠0	- 1	.0	.0	•	-0	•0	•0	•
6-0	•0	•0	•0	•0	• C	•0	.0	•0	.0	•	.1	٠c	•0	- 1
10-11	٠ċ	.0	•0	•0	٠.c	+0	٠.	.0	.0	•	.0	- C	.c	•
13-16	•6	•0	.0	•0	• 0	٠0	.0	•0	.0	•	.0	•6	.0	•
17-19	•6	•0	٠.	-0	٠.	•0	•0	.0	•0	.0	٠.	.0	.0	.0
20-22	.0	• C	•0	•0	٠.	.0	.0	.0	•0	.0	.0	.c	.0	:6
23-25	•0	•6	3.		::	.0	.0	.0	.0					•0
26-32	.0	•6	:0	::	::	.0	:0	:0	.0	.0		::	::	::
33-40	•0	3:	•0	-0	::		.0	•0	.0	.0	.0			
41-46				.0	::			.0	::			.č		:6
49-60	.0							.0			.c	č		
61-70				.0	3.	.0	.0				.č	.c	.0	.0
71-86	-0		•0	.0		.0		.0		.č		.0		.0
67.	•6		•0	.0	,č					.0				.0
TOT PCT	3.2	8.1	1.3	.0	ič	.0	12.7	1.4	3.6		.1			6.0
•••		• • •		•••	• • •	•••		••••	•••		•••	• • •		•••
HGT	1-3	4-10	11-21	£ 22-33	34-47	44.	PCT	1-3	4-10	11-21	SE 22-33	34-47	***	PCT
(1	1-3	1.1	11-51	22-33	.c	.0	1.5	.5	4-16	.1	-0	.0		1.1
1.2		1.5				.0	2.0	::	1.5		.č	3.		1.9
3-4		•••		::			1.6	::	***	::		.0		1.0
5-6				:0	:č	:0	3	::		• • • • • • • • • • • • • • • • • • • •	:0	.0		1.1
7,	•0					.0		:6		•0			ī.č	.c
A-9	-0	-6		.0		.0		.0		.0		.0		.c
10-11	•0	.0	, 1	.c		.0	.1	.0	.0		.0	.0	.0	.č
12	.0	.0	• 1	.0	.č			.0		.0	.0	.0	.0	.0
13-16	•0	.0		.0	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0
17-19	•0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.c	•0
20-22	•0	.0	.0	.0	.c	-0	٠.	.0	.0	.0	-0	3.	.0	.0
23-25	•0	40	.0	.0	.0	-0	.0	•0	.0	3.	-0	3.	٠٥	•0
26-32	-0	٠.6	.0	.0		.0	.0	.0	-0	.0	-0	.c	.0	٠.
33-40	-0	.0	.0	.0	. ε	.0	.0	.0	.0	-0	.0	.0	.0	.0
41-45	•0	•6	-0	.0	.0	.0	•0	•0	.0	-0	.0	.0	•0	.0
49-60	•0	٠.	+0	•0		.0	-0	.0	٠.	.с	•c	.c	٠.	.0
61-70	•0	٠.	•0	.0	.0	.0	.0	.0	.0	-0	•0	.0	٠.	.0
71-86	+0	.0	.0	.0	.0	.0	.0	•0	.0	•0	.0	.0	.0	•¢
£7+	• 0	•0	.0	.0	.c	•0	.0	.0	0	• C	.0	-0	.0	•c

PAGE 000

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				_				FFBRUART							
PE#10D	: COVE	R-ALL 1	1963-1	019				TABLE 18 ICCHT	3			AREA	0007 15-		:0 SCU1H :0#
				PC	T FREG C	F =180	SPEED	IKTS) AND DIRE	C110# Y	ERSUS S	EA HEIG	Hts (FI)			
				s							Sh				
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCI	
Gi Gi		1.1	• 1	.0	. c	.0	1.6	. 4	1.1	.1		.c	.c	1.6	
1-2	.0	1.7	• 2	.0	.0	•0	1.9	.4	2.6	.2	.0	.0	.0	3.2	
3-4	.0	.1		.0	. c	•0	- 1	•	.5	. ?	.0	•0	.0		
5-6	.c	. 5	.0	.0	.0	.0	. 5	.с	۰۵	.0	.0	.0	.0	.0	
7	.0	.0	.0	• 0	.c	.0	•0	.0	- 1	.0	.0	٠.	.c	- 1	
8-9	.0	.0	.0	.0	.0	.0	.0	.0	-1	.0	.0	• 0	.0	. 1	
10-11	.0	.0	.0	.0	• 0	.0	-0	.0	•0	.0	-0	.0	.c		
12	.0	.0	.0	٠.	.c	.0	.0	.0	.0	۰.0	.с	.0	.c	-0	
13-16	.c	.0	.0	.0	.c	.0	.0	.0	.0	.0	.0	.0	.c	-0	
17-19	۰۵.	.0	.0	.0	٠.	.0	.0	.0	.0	.0	.0	•0	-0	.0	
20-22	.0	.0	.0	.0	.c	.0	• C	.0	-C	.0	-0	•c	.0	.0	
23-25	•0	.0	.0	•0	-c	•0	-0	.0	•0	.0	.0	•0	.0	.0	
26-32	.0	.0	.0	.0	•с	.0	-0	.0	-0	.0	.0	• 0	.0	.c	
33-40	•0	.0	.0	•0	.c	•0	-0	.0	-0	.c	.0	•0	.0	.0	
41-48	• 0	.0	.0	.0	.с	.0	-0	.0	.0	.0	.0	.с	.0	.0	
49-60	•0	.0	.0	•0	.с	.0	.0	•0	-0	.0	.0	-0	-0	.0	
61-70	.0	•0	.0	-0	.0	.0	•0	۰0	•0	. C	.0	.0	.0	-0	
71-86	.0	.0	.0	•0	.c	.0	.0	.0	•0	.0	.0	•0	.0	.0	
87.	•0	.0	.0	•0	.c	.0	•0	.0	•0	.0	.0	٠.5	•0	.0	
101 PC1		2.9	.3	•0	.c	•0	3.4	.8	4.4	.5	.c	-0	.0	5.8	
											46				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	42+	PCT	1-3	4-10	11-21	22-33	34-47	46.	PCI	PCT
<1	1.6	4.0			.c		5.8	2.2	4.0			•6		6.3	
1-2	1.0	9.5	1.9	.0	.c	.0	12.5	.5	9.7	1.7	.0		.0	11.9	
3-4	• 1	3.2	1.3	•0	·c	.0	4.6	.0	2.2	1.1	.0	-6	.0	3.3	
5-6	•0	.3		•0	.c	.0	1.1	.0	• 2	.5	.6	•0	.0		
7	•0	- 1	.0	.0	٠.	.0	-1	.0	-0	. 1	.c	٠ċ		- 1	
8-9	• 0	.0	.1	•0	٠.	.0	- 1	.0	-0	.0	-0	•0	.0	٠.	
10-11	•0	•0	.c	.0	.c	.0	•0	.0	-0	.0	.0	•0	.0	.0	
12	-0	.0	.0	•0	.с	.0	.0	.0	•0	.0	.0	•0	-0	.0	
13-14	•0	•c	.0	•0	٠c	٠.0	.0	.0	•0	.0	.0	.c	.0	.c	
17-19	•0	.0	.0	-0	.0	٥.	.0	.0	.0	.0	.c	٠.c	.0	.0	
20-22	•0	.0	•0	•0	• C	.0	.0	•0	.0	.0	.c	*C	.0	.c	
23-25	•0	.0	.0	•0	.0	.0	.0	.0	٠0	.0	.0	٠.	.0	.0	
26~32	•0	•0	•0	•0	. c	٥.	.0	.0	•0	.0	.0	• C	.0	.0	
33-40	•0	•0	.0	-0	.c	.0	٠.	.0	•0	.0	.0	•0	.с	.0	
41-48	•0	• C	.0	•0	.с	.0	.0	•0	.0	•0	.0	•0	٠0	.0	
49-60	-0	.0	.0	•0	٠.	.0	•0	•0	.0	.0	.0	- 0	.0	-0	
61-70	40	•0	•0	•0	. с	.0	•0	.0	.0	•0	.0	.с	.0	.0	
71-86	•0	· C	.0	•0	.0	.0	.0	•a	.0	•0	.0	.0	-0	•0	
87+	•0		.0	•0	٠,	.0		.0	0	.0	.0	•6	•0	0	
TOT PCT	2.7	17.1	4.3	•0	.с	•0	24.2	2.7	14.1	3.5	.0	.0	-0	55.3	84.2

	WIND	SPEED	(KTS)	YS SEA	HEIGHT	(FT)		
HGT	0~3	4-10	11-21	22-33	34-47	48+	PCT	101
C1	24.7	14.0		.0	-0	.0	39.3	453
1-2	5.7	33.0	5.0		.0		43.4	
3-4	7.4	4.2	4.5		.0		13.5	
5-6	• • • •	.,	1.7		.0		2.7	
7,*		. i	2	.0		.0		
1-1		ä		.,				
10-11	.0	:6	::		.0		.1	
12			::	.0				
13-16								
	٠٥.	•0	•0	.0	-0	•0		
17-19	•0	•0	•0	.0	•0	.0	.0	
40-22	.0	•0	•0	-0	•0	.0	.0	
23-25	.0	• 0	.0	.0	•0	.0	-0	
26-32	-0	•0	-0		-0	.0	•6	
33-4C	.0	•0	.0	.0	• 0	.0	.c	
41-46	.0	• 0	.0	.0	.0	.0	.0	
49-6C	.0	.0	.0		•0	.0	.0	
61-7C	.0	.0	.0	.0	•0	.0		
71-66					.0			
87.								
• / •	.0	•0	.0	.0	•0	.0	•4	
101 PC1	31.3	56.9	12.3	-1	.0		100.0	1368

PERIC	D: 101	ER-ALL	.1 194	9-197	•				TABLE	19											
					PERCEN	FREQ	UENCT C	F WA	YE HE1	GHT LF	T) VS	WAVE P	ERIOD	12600#	059						
PERIOD (SEC)	(1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-7C	71-86	87+	TOTAL	PEAN
<6	19.3	23.6	15.3	3.4	.7	.4	-1	•	•		.0	-0	.0	-0	.0		•с	.с	-6	2667	2
6-7		2.9	6.2	3.0	1.1	.4	. 3	. 1	.0	.1	.0	-0	.0		.0		.0	-0	.0	710	•
4-7	.2	1.4	2.3	1.4		.2	. 1	•			.0	•0	.0	-0	.0		.0	.0	•0	304	•
10-11	.0	1.1	.7	.5		.1	- 1	•		.0	.0		.0	0	.0		.0	.0	.0	143	
12-13	.0	.0	. 7	.2	.2	•	•	.0	.0	.0	.0	40	.0	- 0	.0		.0		.0	61	5
>13	.0	.0	.0	. 3	•1	•	•0	.0	.c	.0	.0	40	.0	-0	.0		.0	.0	.0	22	i
INDET	15.2	2.9	2.1		• 1	•	•6	•	.0	.0	.0	- 0	.0		.0	.0	.0	.0	.0	1020	1
TOTAL	1286	1578	1343	456	157	5.0	30	10	7	5			0	. 0	٥			0		4931	2
PCT	26.1	32.0	27.2	9.2	3.2	1.2		-2	. 1	.1	.0	-0	.0		.0	.0	.0	.0	.0	100.C	

P(R10D: (PR1=4RY) 1951-1976 (OV(R-4LL) 1881-1979

TABLE 1

ARES COOT ACAPULCE SOLTH

1.33433	ERFORENCY	C.	LEATHER	GCCURRENCE	-	0101111CL

			,	460161	14110	N TYPE					OTHER	PEATHER	PHENC	MENA	
AVO DID	RAIN	PAIN SHER	CASF	FRZG	5AG.	CTHER FRZA PCPA	HAIL	PCPL AT 08 TIPE	PCPN PAST HOUR	IHD# LING	FCG BC PCPA	FOC WO PERM PAST HR		SPFAY BLOG OLST BLOG SNOW	
	• 2	.0	.0	.c	.0	.0	٠.	•2	•2	.c	.c	.с	3.6	.c	98.1
٩E	-0	. 5	. C	.0	.c	.0	.0	• C	.6	. 1	.2	.0	3.2	.с	96.0
€	. 4	.0	. 0	.5	.0	.0	•0	.4	.0	. 6	.2	.0	2.9	.c	95.9
SE	- 1		.0	.0	.0	.0	.0	- 1	.0	.0	. 5	.0	2.5	.0	\$6.4
5		.0	.0	.0	.0	.0	.0	.4	.0	. 5	. 5	.0	4.0	3.	94.6
5.	• 2	.c	.2	.c	.0	.0	.0	.4	.0	.0		.0	2.5	•	46.7
•	.0	.0	.0	.0	.c	.c		•0	.1	. 1	. 3	.0	2.0	- 1	67.4
for the	- 1	- 3	- 1	٠.	.0	.0		• 1	. 1	-1	. 2	. c	1.6	. c	2.62
715	.0	.0	.0	.0	٠.	.0	. 5	٠.	.0	.0	. Ć	.0	.0	• 6	.0
CALP	٠.5	.0	- 1	•6	.0	.0	.c	. 1	-0	. 3	• 5	3.	5.1	• C	44.2
101 PC1 101 CES:	*1 7670	.c	•	٠٤	.0	.0	.0	.1	-1	-1	•5	.0	2.4	•	97.0

#### TABLE 2

#### PERCENT PREQUENCY OF MEATHER OCCUPPENCE BY HOLR

				RFC 1P1	14110	A TYPE					CTHER	<b>LEATHER</b>	PHENC	HENA	
HOUP	PAIN	PAIN SHER	CAIL	PCPN	SACL	OTHER FRZN PCPN	PAIL	PCPN AT OB TIME	PCFN PAST HOUR	THDR L TNG	FOG LO PCPA	FOC NG PCPN PAST HP		SPRAY BLWG CUST BLWG SNOW	NC SIG bEA
CLEC3 C&ED9 12£15 1&E21	.0 .0	.00.00	.1 .1 .2	.c .c	.0	.c	.0	•1 •2 •2	.1 .1 .2	.1	.1	.0	1.7 2.2 2.4 3.1	.c	98.C 67.C 96.
101 PC1	7616	-0	•	٠.	.0	.0	•0	-1	.1	.1	• 2	.0	2.4	•	4;

#### TABLE 3

#### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		-24	D 59E1	D IKS	151								HCLR	(6=1)			
UND 010	C-3	4-10	11-21	22-33	34-47		TOTAL	PCI	MEAR	CO	03	C E	C S	12	15	10	21
							CBS	FREC	SPD								
h.	2.0	5.0		•	-0	.0		7.6	6.C	3.3	. 8	4.0	6.3	12.0	0.2	9.2	10-1
٧E	. 9	2.9	- 4	- 1	•	.0		4.3	6.9	1.9		4.3	4.3	6.5	5.9	4.7	5.1
t		2.2	.5	•	•	.0		3.6	6.0	2.4	1.7	3.6	2.4		2.7	4.1	2.4
ŠE	. 7	1.7	- 1	•	.0	٠.		2.5	5.6	2.7	2.7	3.0	.7	1.6	.7	2.5	1.0
3		1.7		٠.	-0	••		2.6	5.1	3.7	5."	2.3	3.2	1.6	. •	2.6	3.7
Š¥	1.3	4.5	.6	•	.0	.c		6.9	6.5	.3.4	9.1	5.0	11.4	2.0	5.0	5.0	5.0
	4.3	24.5	7.3	. 1	.0	.0		36.6	7.9	52.3	50.0	36.7	44.6	24.4	31.1	31.3	34.3
- N	3.7	16.9	3.5		.0	.0		24-1	7-2	15.8	19.2	23.0	18.7	30.2	34.C	24.2	20.6
VAR	.1		.0	.0	.0	.0		ī.ċ	.0	.0	.0	3.	.0	.0	· c	· .c	•0
CALM	11.5							11.8	.t	4.5	10.7	15.4	7.5	15.7	10.8	13.2	6.3
TOT COS	2186	4479	1072	22	3	٥	8262		6.3	1950	121	1790	134	1776	223	2164	156
TOT PCT	26.5	60.3	13-0		•	.0		00.0	•			100.C					

TABLE 3A

WAD DIR	0-4		SPEED 17-27	(K4075) 28-40	•2•	TOTAL CRS	PCT FREG	MEAN SPD	C0 C0	#6U! 26 69	1671: 12 15	18 21
N	4.9	2.6	•	•	.0		7.6	6.0	3.5	4.1	11.6	*.3
NE.	2.7	1.4	- 1	- 1	•		4.3	6.9	1.6	4.3	6.4	4.7
(	2 - 1	1.4	- 1	•	- 6		3.6	6.0	2.4	3.5	4.2	4.0
32	1.4	. 7	•	-0	-0		2.5	5-6	2.7	2.8	1.7	2.7
Š	2.0		•	-0	.0		2.6	5-1	3.7	2.3	1.5	2.6
S¥	4.1	2.7	.1	•¢	٠.		6.9	6.5	13.1	5.5	3.1	5.8
v	16.2	19.4	1.0		.c		36.6	7.9	52.2	37.3	25.6	21.5
ku	12.2	11.6	. 3	.c	.c		24.1	7.2	16.0	23.4	30.4	26.5
VAR	0	-0	٠.				.0	• 0	-6		3.	٠.
CALM	11.4						11.0	.0	4.9	14.6	15.1	12.0
101 085	ATEC	3326	147		1	8242	••••	6.3	2079	1929	1999	226C
TOT PCT	57.0	40.3	1.8	- 1			100.0			100.0		

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PERIOD: (PRIPART) 1552-1979 (OVER-ALL) 1861-1979

TABLE 4

APEA DOD? ACAPULCO SOLTH

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR EGHT!

				9140	SPEED 1	4 NCTS )			PCT	10141
<b>4</b> 00₽	CALF	2 - 3	4-10	11-21	22-33	34-47		¥E AK	FREC	CES
00503	4.9	11.0	63.2	20.5	.2	- 1	.c	7.8	100.0	2279
Cetce	:4.6	12.8	59.0	13.0	. 3	. 1	. 0	6.3	100.0	1924
126:5	15-1	14.2	59.4	8.6	. 3	.0	.0	5.6	100.0	1999
14551	12.6	18.C	59.2	9.7	.3	.c		5.7	100.0	22 t C
161	979	1207	4979	1072	22	3	2	6.3		1262
PC1	11.8	14.6	40.3	15.0	. 3	•	- 6		100.0	

TAPLE 5

TAPLE 6

•	CT FRE			CLOLD /		EIGHTHSI							CEILIN					
		•		0 01-20	. 1 4 4 1	MEAN							An (3)			2	,`	
WED DIR	C-2	3-4	5-7	8 6	TOTAL	CFOFE	CCD	150	300	600	1000	2000	3500	5000	6500	*CCC-	An <5/8	TOTAL
				CBSCP	CES	CCVEP	144	200	599	***	1685	3444	4595	6.90	7996		ARY +61	oes.
	5-2	1.4	.•	.2		2.0	.0	.0	•	-1	•2	•	.:	•		•	7.4	
۸E	3.2	.5	. 5	-:		1.0	•	.0	•	•	- 1	.1	•	•	•	•	4.5	
ε	2.4	.7	. :	. 1		2.1	.0	.0	.0	.c	•2	•	•	.0	•	٠.	3.4	
SE	1.7	.5		-1		1.9	.0	.0	•	•	•		•			•:	2.3	
Š	1.7		. 7	-1		1.4	.0	•	.c	•	•	•		.c	-:		2.4	
Sw	4.7	1.0		- 1		1.9	.0			•	• 7	. 1		. 0	•		ė.2	
	26.8	6.0	3.5			1.7	.c	•	2.	. 3			-1	.1		. :	35.4	
AW	16.7	4.2	2.5			1.0	•	•	. 1	.1	. 3		.2	-1	-1	.1	22.7	
VAR	.0		1.5	.0			.0			.0			·.c	.c				
CALM	4.5	1.6	1.1	• 1		1.5	3.6	.c		•	.2		•	•			11.4	
TOT CES	4451	1051	450		6296	1.5	7			3.0	110	57	33	17	24	16		6296
101 PC1	71.7	14.7	10.1	1.0	100-0	•		-1		- 6	1.7						65.2	100.0

TABLE 7

CL=ULATIVE	PCT	FREC	CF	SIPLE TANECUS	33P3RRU330
AF CC 1. 1.					

						VSET CAM	•			
	C	ILING	= CR	2 GR	: 0#	= CR	30 =	z ce	: 60	: (8
	**	(133	>10	>5	>2	>1	>1/2	>1/4	SCYC	>0
=	CR	>6500	.5	.5	.5	.5	.5	-5	-5	.5
:	OR.	>5000	.7	. 4	. 6	- 4		. 6		. 2
Ŧ	CR	>3500	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3
:	CR	>2000	2-1	2.2	2.2	2.2	2.2	2.2	2.2	2.2
=	CR	>1000	3.7	3.9	3.4	3.4	3.*	3.6	3.9	3.4
=	68	2096	4.2	4.5	4.5	4.5	4.5	4.5	4.5	4.5
=	CR	>300	4.3	4.6	4.6	4.6	4.4	4.6	4.6	4.6
Ŧ	CR	>15C	4.4	4.7	4.7	4.7	4.7	4.7	4.7	4.7
:	CR	> 0	4.4	4.7	4.7	4.7	4.7	4.7	4.7	4.7
		TOTAL	2+5	304	306	304	376	306	306	306

TOTAL NUMBER OF CRS: 6452

PC1 FREG NH (5/8: 45.3

TABLE 7A

PERCENTAGE FREE OF LOW CLOUDS REIGHTHER

C 1 2 3 4 5 6 7 A CESCO CES

86	٠	۰	r	

PERIOD: (PPIPARY) 1 (CVER-ALL) 1							TA	BLE 8				AFE		ACAPULCE SOUTH	H
		P	ERCENT						URRENC ALLES				E OF		
4587 (NP)		*	NE	E	S€	\$	\$ w	*	**	VAR	CALP	PCT	TOTAL OBS		
* * * *	PCP	.0	.с	-0	.0	.0	.c	٠.	.0	.c	.0	.0			
<1/2	NO PEP	.0	٠.	.č	-0	.0	.0		.0	.c	.č	·č			
	TOT 1	.c	.č	.0	.0	.0	.0	.0	.0	.c	.0	•0			
	PCP	.0	. с	.0	-0	.0	٠.	-0	.0	.0	.0	.c			
1/2(1	NO PCP	.0	• C	-0	-0	.0	.0	.0	.0	.0	.0	.0			
	TCT 1	.0	٠.	.0	-0	.0	.0	• C	.0	.C	.0	-0			
	PCP	.2	.c	.0	-0	.0	.c	-0	.0	.с	.0	.0			
1<2	NO PCP	.0	. ¢	.0	۰.0	.0	.0	.0	.c	.0	.0	٠.			
	101 2	.0	.0	.0	-0	.0	.0	-0	.0	.c	.c	٠.			
	PCP	.0	.c	.0	-0	.0	•	.0	.0	-0	.0	•			
245	NO PEP	.0	•	•	•	٠.	•	. 1	. 1	.0	•	+2			
	ICI 1	.0	•	•	•	.0	•	-1	-1	.0	•	•2			
	PCP	.0	.c	.0	•	•	.0	-0	•	.0	-0	. •			
5<10	NO PCP	. 4	• 2	• 2 • 2	•2	-1	•2	1.0	.1	.0	.7	3.0			
	101 2	.4	. 2	- Z	•2	- 1	.2	1.0		.0	• *	3.6			
	PCP	•	.c	•	-0	.0	•	-0	. •	.0	•	- 1			
10+	NO PCP	7.4	4.1	3.4	2.3	2.3	4.7	35.3	23.6	•0					
	101 1	7.4	4.1	3.4	2.3	2.3	6.7	35.2	23.7	.0	10.7	45.4			
	101 085												7641		
	101 000				* *				20.5			100 0			

TABLE 9

THE PROPERTY OF THE PROPERTY O

			'						13181L		ED		
VS81	SPD RTS	*	ME	ε	SE	s	Su		NW	VAR	CALM	PCT	10TAL CBS
	0-3	-0	.0	.0	•	.0	.0	•	.0	+0	.0	•	
<1/2	4-10	•	•0	.0	.0	.0		•	.0	.0		•	
	11-21	.0	•0	-0		.0	.0	•с	.0	·c		.0	
	22.		.0	.0		.0	.0	.c	.õ	.0		.0	
	101 1	•	•0	.0	•	.0	•	•	.0	•0	.0	.1	
	0-3	.0	.0	.0	.0	.c	.0	•0	.0	.0	.0	э.	
1/2<1	4-10	-0	-0	.0	.0	.0	-0	-0	.0	.0		.0	
	.1-21	.0	.0	.0	-0	.0	.0	-0	.0	- ¢		.c	
	22+	.c	-0	.0	.0	.0	-0	-0	.0	.0			
	101 2	.0	-0	-0	.0	-0	.0	.0	.5	.0	.0	.0	
	C-3	.0		.0	-0	.0	.0	•0	.0	.0	-0	. 2	
1<2	4-10	.0	•	-0	•	.0	- 0	.0	.0	-0		•	
	11-21		-0	.0	-0	.0	.0		.0	.0		.0	
	22+	ъ.с	-0	.0	.0	.c	.0	.0	.0	-0		.0	
	101 1	.0	•	.0	•	.0	•0	-0	.0	.0	.0	•	
	0-3	.0	٠0	•	•	•	-0	•	•	-0	•	. 1	
245	9-10	•	•	•	•	.0	•	- 1	•	.0		-2	
	11-21	.0	.0	.0	.0	.0	•	•	•	.0		.1	
	22+	.0	.0	.0	-0	.0	-0	.0	.0	.0		.0	
	101 1	•	•	•	•	•	•	•2	-1	.0	•	•	
	C+3	-1	-1	•		•	•	-1	- 1	-0	.7	1.2	
5(10	4-10	.2	• 1	- 1	-1	-1	• 4	. 7	-5	.0		2-1	
	11-21	•	•	•	•	.0	•	-1	-1	.0			
	22.	•	•	•	٠.	.0		.0	.0	-0		•	
	101 2	••	•2	.=	•2	-1	• ?	1.0		.0	.7	3.7	
	C-3	1.9	-4				1.3	4-1	3.4	.0	11.1	25.0	
1C-	9-10	4.8	2.8	2-1	1.6	1.5	4.5	24-1	16.4	• 63		58.0	
	11-21	.5	.4		-1	•	- 6	7.1	3.3	.0		12.6	
	22.	•	-1	•	•	.0	•	- 1	•	.0		. 3	
	TCT 2	7.3	4.5	3.3	2.3	2.4	4.7	35.4	22.3	•0	11.1	45.4	
,	101 085												
1	701 PC7	7.6	4.3	3.4	2.5	2.5	6.9	36.6	24.2	.0	11.6	100.0	

#4851

PERIOD: (PRIMARY) 1953-1979 (GVER-ALL) 1881-1979

TABLE 10

AREA CCC7 ACAPLLCC SCLTH

EFCENT	FRECUENCY	CF	CE IL ING	<b>HEIGHTS</b>	IFEET.AH	34/81	ANC

HCU# (G=1)	000	150 249	300 599	•00	1000	2000 3444	2500 4999	5000 6499	45CC 7999	*000*	TOTAL	SH KS/E JAY HGI	CES
00603	-0	.c	. 2	.5	1 - 2	1.0	.6		.3	. 3	4.4	45.6	1731
26629	-1	.1	.1	.6	1.7	.+		.2	•2	- 3	•.7	*\$.3	1001
12615	.5	.1	. 3	.,	.6	.•	. 6	.2	•1	.2	4.0	14.0	1602
14621	٠.	•:	.0	.2	1.2	.7	.•	.2	•2	.*	3.3	46.7	1630
101	z			:•	1.3	56	33	17	14	22	369	6455	£765

TABLE 11

T481E 12

		PERCENT	FREQUENC	1 VSBY	(64)			CUMULAT					7261 14M3 1.81 HCLP	
+0UR (G#T)	<1/2	1/2<1	1<2	2<5	5<30	10•	TOTAL GES	HCUR (SPI)	<150 <5010				AH (5/8 AND 5+	TCTAL Ces
00603	•	.0	•	•=	2.5	47.2	2044	ccccs	-1	. 1	. e	4.0	95.3	1670
66669	.1	.c	.0		4.4	95.2	1945	C+C04	-1	. 3	1.2	3.+	**.*	1505
12615	•	.0	•		5.2	94.7	2030	12415	.0	.5	1.4	4.5	93.5	1<33
16621	. 3	-9	.0	. 4	3.0	56.5	2288	16621	٠.	•2	.6	3.1	56.:	1244
101	5	Ç	2	21	312		8329	101	3		. 67		6122	6452

TABLE :3

TARLE 14

	PERC	ENT FR	ECUENC	T OF PE	LATIVE	HLPI	9 1110	* 1Emp				P[P[	[4] [6]	ECLENC	7 OF W	140 01	4EC 110	N E T 1	ξωρ	
									TOTAL	PCT										_
TEMP F	0-54	20-34	40-49	50-59	60-69	70-74	10-89	95-166	085	FPEC	N	15	£	SE	\$	5.		**	VAR	(AL-
95/99	.0	.c	•	-0		.c	.0	٠.	2		.0	•	-0	.0	٠.		•	-0	.0	٠.
90/94			- 6			• • •	•	•	49		.1	•	•	-C	•	•	+2	-2	.0	. 1
85/89	.0	•	•		3.9	4.5			658	10.4	.,	. •	- 5	. 3	• 2	- 4	3.6	2.2	٠.	1.1
45/44	3.		- 1		11.0	32.5	13.9	2.4	3452	60.6	*.*	2.1	1.7	1.5	1.7	4.8	23.4	14.1	•0	
75/79	.0	-0		-1	1.9	16.2	11.4	3.8	1717	27.C	2.6	2.5	1.3	. 6	.5	1 - 1		7.0	- C	3.4
70/74	.0		٠.	٠.	•	- 3		. 3	72	1.1	-1	-1	- 1	•	•	•	. 3	.3	٠.	• • • • • • • • • • • • • • • • • • • •
45/49	.c		.0	.0		•	-c	•	2	•	•	٠.	٠.	• 0	٠.	٠٤	.c	•	- C	
TOTAL	Ē	1	•	116	1047	3027	1704	428	6352	100.0										
PCT	.0	•	. 1	1.8	16.0	47.7	26.8	6.7			8.0	4.2	3.6	2.5	2.5	6.8	36.4	23.4	.0	11.6

PAPLE 15

TABLE 16

															•			
	=E465.	434F£	ES 440	PERCE	IILES	OF 18	PP 608	\$ f1 2	7 HOUF		FE = C	ENT FRE	GLENCT	OF REL	TIVE M	L+1C114	<b>e</b> 7 wc.	
+0U# (1×2)	WEX	***	452	501	52	11	-1*	-644	10TAL COS	#5LR (E#1)	6-5-	30-56	60-86	70-79	eC-e¢	¢C-1CC	*[44	TOTAL
50103	**			42	78	7 €		82.3	2002	60663	.0	1.0	29-1	51.7	18.0	1.1	75	1445
12615		-	#3 #2	8C 79	77 75	74	4.0	60.C	1983 2045	266C*	3.	:3	7.2	39.3	36.4	7.9 12.6	79 81	1562
18621	45	95	4.5	82	74	75	• •	42.8	7319	16221	-0	• • 7	27.8	51.0	13.6	2.4	73	1746
101	*7		84		76	74	••	*1.1	6434	101	r	1 72	1100	3127	1768	***	"	4574

	MARCH	AREA COO? ACAPLLEC SCI
\$10-564 \$40 DIF 17/19 14/10 11/13 4/10 7/8 5 5 6 3 2 1 0 -1 -2 -3 -6	### TIPPERSTURE LOFG F1 AND THE OCCUPRENCE OF FOR VS AIR-SEA TEMPERSTURE DIFFERENCE LOEG F1 AND THE OCCUPRENCE LOEG F1 AND THE OC	AREA OF 15. 15.

poster and defended to the first of the second of the seco

	TABLE 18
PERSON: LOWER-ALLS 1963-1979 PCT FREG OF WE	1NO SPEED (KIS) AND DIRECTION VENTOR NE
1-1 4-10 11-21 27-33 34-47 4 0 .C	e ect
71-86 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	0 10 10 10 10 10 10 10 10 10 10 10 10 10
467 1-2 4-10 11-21 22-33 34-4	
1-2	

	ICACE-TIF1				MARCH										
PERICO:			1463-1	•76	TABLE 16 (CCNT)							4667	SOC7 ACAPULES SCUTH		
				PC	1 1460 0	F SIND	SPEED	INTS! AND CIRE	C1164 ¥	casus s	E# HEIG	mts ift	,		
				5							56				
HST	1-3	*-1C	11-21	22-33	34-47	***	124	1-3	1C	11-21	22-33	34-47	**	261	
1-2	.2	:5	.0	.0	3.		1.0		2.5	.;	.0	3.	:: 3:	1.2 3.4	
3-4	.0						1.0	:1	7.7	.;			::	1.0	
5-6		.:	::				.;	::	::	• • •	.5	::	::		
٠,٠								::			3.			::	
4-9			.č			::	::	::					:č	::	
10-11	.c	.0	.c		.č		.5		.5	3.				.c	
12	.0	.0		.0		.0	.0	.s		.0		3.		.5	
12-16	.0	٠.	.0	.0	٠٤		.0		•¢	.0					
17-19	-0	.0	-0	.0	- 5	.0	ء.	.0	-0	.0	.0		.0		
50-55	-5	-0	-0	.¢	٠.	.0	.c	.¢		٥.	.0	.:	٠.	-6	
23-25	-0	.0	-0	.0	• C	.0	.:	.9	.0	.5	.0	.5	2.	ء.	
26-32	.0	.0	-0	٠.	٠.	.0	.0	.c	-0	-0		.0	2.	.c	
33-40	-0	.c		-0	٠.	-0	۰.	-0	٠.	٠.	.c	٠.	.:	٠.5	
41-48	٦.	.c	.c	٠.	• •	. 0	.0	.c	٠.	٠.	٠.	٠.	ء.	٠.	
	-0	-0	••	.0	.0	-0		.0	-0	•÷	э.	.:	.c	٠.	
61-70	٠.	-5	.0	-0		٠.	.:	٠.	•=	.5	٠.	-5	٠.	٠.	
71-86	.c	-6	3. 3.	.0	.c	.0		-6	.с	٠.	3. 3.	٦.	3.	.c	
101 PE1	.5	1.5		::	::	3.	2.0	.0 1.6	•	.0	::	3.	::	5.0	
	•,	•••	••	••	••	••	2.0		***	••	••	••	••	,.•	
															TETAL
HGT	1-3	4-15	11 -21	22-33	34-47	44.	PCT	1-3	4-10	11-21	22-33	10-47	45*	#67	961
€:	1.4	5.0			3.	.,	7.1	1.9	3.6	· · · · · ·		3.	3.0	5.5	•••
1-2		12.5	2.4				15.7	1.5	21.4	1.0				34.6	
3-4	.2	4.4	3.5	.0		•0	4.2		2.6	2.1					
5-6	.c	. 3		. C	. c		1.1				.c			1.4	
7	.c	.1	-1	-1	.0	.0	.2	-0	٠.	•	.c		٠.5	•	
8-9	.0	.0	-1	-0	٠.	-0	. 2	.0	٠.	.c	.0	٠.	.5	.c	
10-11	-0	-0	.0	-0	٠.	٠.	.c	.0	-0	٠.		٠.	٠.	.0	
12	.0	-0	.0	٠:	٠.	.0	٠.	3.	-¢	-£	.5	٠.	٦.	.0	
13-16	-0	.0	.=	•0	٠.	.0	.c	.:	.5	.c	.c	٠.	٠.5	.c	
17-19	-0	٠.	.0	.:	٠.	.0	٠.	.5	.0		.:	2.	٠.	<b>.</b> c	
20-22 23-25	-0	 3.	-c	.0	٠.	•0	.5	٠.	٠.	э.	.0	3.	٠.	ء.	
25-25	.0	3.	-0	.0	3.	-¢	3. 3.	-6	٠.	٠.	-5	٠.	٠.	3. 3.	
33-4C	.0	:5	.0		::	-0		.s	.o.	٥.	J.	). ?-	.c	::	
91-98		.5	3.	.0	::	.0		.0	::		::	<i>"</i> :	::	::	
44-60		2.			3.		::	::	::	::		::	::	::	
61-70			3.		::		:5	.5		::		3.	.č	::	
71-66			::	::	::	::			::	::	::	.:	::		
¥7•						.č		:5				i.č	٠.	::	
107 PC1	2.5	22.3	7.1			.č	32.4	3.7	14.0	4.7			.è	24.3	16.4
															***

,这种,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们也会有一个人,我们就是一个人,我们就是一个人,我们

en en betrekken betre

	#141	5 <b>5 P</b> EED	(#15)	WS SEA	HE 16H1	ef 7 1		
#61	C-3	4-1C	11-21	22-33	34-47	***	PC1	TCT
<1	19.0	12.3	-3	.0	.0	.0	32.6	•••
1-2	5.7	34.3	5.1		-5	٠.	44.7	
3-4		10.5	1.6	.0			17.0	
5-6	-1	1.1	2.2	-6	.0		:	
7	.c	- 3	. 3	-1		-0		
8-9	ء.	•1	.1					
10-11	.0			•1		.c	-1	
12	.0	.c	.5	.c	.0	.c		
13-1e	.0	.c	.0	- 1	-1	.5	-1	
17-15	.0	-0	.5	.0	-6	٠.	.c	
20-22	.5	-0	.5	.0	٠.	-5		
23-25	.0	.0		.0		.0	.0	
26-32	.c	٠.					.0	
33-05	.0	.:	.5	.0	.0	.0		
41-45	.0	-5	-0	.:	-0	.0	٠.	
49-65	.0		.c			3.		
41-7C	.0		-6	- 0	.0	-6	.c	
71-8E	.0	-5	-0	-0	.5	.c	٠.	
87-	٠.	-0	-5	.6	.5			
								1431

PERIOD ESEC! 6-7 4-9 10-11 12-13 >13 INDE! TOTAL PCT 4-9 10-11

-5 -1
-5 -1
-1 -0
-1 -0
-1 -0
-1 -0
-1 -0 707#L 7194 745 245 164 65 35 457 5487 100-0 P[46 +67 2 4 4 5 7 1 5-4 3.7 3.2 1.4 .7 .3 .3 .7 572 <1 -2 -1 -0 -0 -0 -0 11.4 1167 21.7 1-2 24-4 2-6 -9 -9 -0 2-5 1436 33-5 3-4 16.8 6.1 2.4 1.2 1.1 .C 2.4 1637 29.4 ......... \*\*\*\*\*\*\*\*\*

#[#]OC: (PP]#4PY; 1453-1414

TABLE 1

REA COCT ACAPLLEC SOLT

PERCENT	FRECLENCY	CF	AFAIRES	32#3#40223	 -140	DISECTION

			•	AFC IP I	14116	TIPE					CTHE	*******	PPEAC	PELA	
erc cia	r.a.	PAIL Smar	CPZL	FRZG PCPN	SNOW	CTHER FRZN PEPN	MAIL	PCPN AT CS TIPE	PCPA PAST MCLP	THER L146	FOG NO PCPN	FOC WO PCPA PAST NR		SPEAT BLMG CUST BLMG SACH	
•	-2	.0	-0	٦.	.0	-0		.2	-1	.2	-1	ء.	4.5	.:	43.1
<b>~</b> {	.5	-1	- 1	2.	-0	-0	.c	.7		1.2		٠.		٠.	45.3
£		. 3	- 3		-5	٠.	.:	1.3	.5		-3	.c	4.7	3.	64.4
5.6		1.1			.0			1.5	1-1	2.2	- 1	.0	4.4	.:	45.8
\$	.0		3.		-6	.0			.0	1.5	- 6		12.3	.0	86-1
5-	-2			.0	-0			-2	- 3		٠.		*.3	.c	\$5.C
•	.0	•		.:	-0	.0	. ė		-:	.2	-1		7.2	•	62.3
<b>\$</b>	-1			.0	.6		.0	.2	.1	-1	- :		5.3	٠.	**-:
**		.:	٠.	-6	.0		.c	٠.	-5		.с		.:	٠.	٠.
CAT.	-6	٠.	-6	٥.	.0	ء.	٠.		-6	-7	-4	.c	17-1	٠.	97.1
101 PE1 101 C\$5:	7400	-1	•	.c	ء.	.0		.2	-3	.3	-2	.c	7.7	•	11.5

TABLE 2

*E#CE%T	FPEGUENCY	¢.	6141+[8	CCCUPPENCE		MELE
---------	-----------	----	---------	------------	--	------

				** ( 1 * 1	TATIC	-					01-60		PHENC	4644	
ngua (GPT)	**1	BAIL Smer	CPIL	FRZS PCPN	5466	######################################	##IL	PCP% AT 0s 11°E	PEPS PAST HELR	THEP LING	FGS LC P(PL	FOS &C PCPh PAST ##		SPEAT PLAC CLST PLAS SACA	
CCCC3	-1	.c	.:	.2	.c	٦.	.5	-1	-1	.1	-1	.c			42.4
C4EC* 12E15	:;	-1	.: 3.	2. 0.	.c	3. 6.	3.	.3	.;		.2	3. 2.	7.3		51.3
10621	•	.c	٠.	٠.	.0	.c	ء.	•	-1	.0	-5	.c	*.5	-c	13.2
101 PET 167 005:	7408	-1	•	.0	.0	-6	.5	.2	-:	.,	-3	3.	7.6	•	41-6

....

#### PERCENTAGE PRECENCY OF MIND DIRECTION BY SPEED AND BY HOLD

		-12	2 5061	(C 4440	727								MEL8	(6-1)			
PFC CIE	C-3	4-10	11-71	22-32	10-07		ICTAL	PET	-644	CO	C 3	Ct	54	12	15	16	21
							CBS	rate	SPC								
	7.1		-5	•		-0		7.2	5.7	2.4	5.0	5.4	7.4	12-5	•.3	8.0	7.1
*(	- 8	2.1	- 3	.:	•	-0		3.3	7.6	1.0	1.4	3.3	1-1	• . •	5.6	3.7	5.2
ŧ	1.0	2.0	-5	•	-0			3.4	4-4	1.4	2.2	4.1		4.7	5.1	3.4	1-1
58	.,	1.4	-2	•	٦.	- 8		2.3	4-5	2-3	.0	7.0		1.4	2.0	2.7	1.0
5	- 6	1.5	-2	٠.	-5			2.3	5-8	3.2	1.2	2.4	2.4	1-1	. ?	2.4	1.9
56	1.0	5.5		•	.5	- 5		8-1	6.0	15.6	7.2	7.3	17.3	2.4	4.4		15-1
•	4.5	24.5	4-0	- 1	•			30.5	4-5	54.3	55.2	37.5	44.C	24.9	33.5	24.7	34.4
46	3-1	10.6	3.5	•	•	٠.5		22.3	7.4	13.1	10.0	20.1	20.7	32.4	30.1	24.5	24.5
725	-0		.:	• 5		.0			- 5	٠.	.0				.:	.5	-0
CALP	11.3							31.3	٠.٤	5.3	1.4	26-1	7.7	12.4	4.7	12-7	4.7
101 285	2120	****	1152	35	2		4215		4.5	1411	125	:754	217	1001	216	2152	134
101 PCT	25.0	54.7	14.5	. •	•	40		9.33		105.5	105.0	150-6	100.0	165.E	100.C	100.0	105.0

SPLE	11

		.ist	37888	(4+ 575)						-50	16-1	,
410 CF4	D-6	7-14	17-27	20-45	41*	TCTSL	PC 7	-616	23	56	12	: 0
					-	CPS	**£¢	SPE	E3	63	15	21
•	5.0	2.1	-1	•	٠.٤		7.2	5.7	2-4	5.0	12-1	7.4
*6	2.0	1.7	-1	-1			3-3	7.5	1.0	3.7	5.6	3-3
€ .	2.2	1.2	- 1	•	2.		3.4	1-1	1-0	9.6	• • •	3.0
36	1.6	-7	.1	-6	3.		2.3	4.5	2-1	2.7	1.4	2.0
š	1.6	- 6					2.3	5.4	3.1	2.7	1.1	2.4
36	3.0	3.1			3.		4.1	4.4	15.1	a.s	3.1	4.5
	16.4	21.3		.0	•		30.5	2.0	50.0	37.4	27.5	24.8
	11.1	11.7					23.3	7.4	13.4			
769	-6		3.	.c				٠.	3.		3.	3.
CALF	11.3	•••					11.3		5.6			12-6
101 693	4617	1000	197		1	6215		4-5	2234			2284
161 661	:	•	1.4	• • •	:		100-0	•		100.6		

APRIL TABLE 4

PE:10D: (PRIMARY) 1953-1979 (OVER-ALL) 1862-1979

AREA 0007 ACAPULCC SOLTH

FRCFWTAGE	FREQUENCY	OF	WIND	SPEED	RY	HOUR	IGH

				WIND	SPEED 0	KNOTS			PCT	TOTAL
HOUR	CALM	1-3	4-10	11-51	55-23	34-47	48+	MEAN	FREG	GBS
COLOS	5.6	10.4	60.6	22.4	.6	.0	.0	7.9	100.0	2036
06609	15.6	12.1	58.2	13.8	.3	- 1	• G	6.3	100.0	1876
12615	12.5	16.2	61.3	9.6		•	.0	6.0	100.0	2017
18521	12.0	18.5	58.7	10.6	. 2	.0	.0	5.8	100.0	2286
101	932	1197	4902	1152	30	2	0	6.5		8215
PCT	11.3	14.6	59.7	14.0		·	.0	,,,	100.0	

			1.	ABLE 5								T	BLE 6					
	PCT FRE			CLOUD A		(EIGHTHS) HEAN							CEILIN NH <5/					
WND DIR	0-2	3-4	5-7	8 £	TOTAL OBS	CLOUD	145	150 299	300 599	999	1000	2000 3499	3500 4999	5000 6499	6500 7999	*000	NH <5/8 ARY HGT	
N NE	1.4	1.4	1.2	.5		2.6 2.5	•	•0	:	-1	.2 .1	•1	-1	:	•0	•:	6 • 8 2 • 9	
E SE	2.0	.,		.3		2.9	.0	.0	.0	:	.i	.1	٠i		.0		3.4	
s sv	1.3	1.4	1.2	ä		2.7 2.3		.0	•	•	.1	.0	•	• •	.0	•	2.2 7.0	
ů" Nu	24.4	7.2	5.1 3.2	1.4		2.1	:	.0	:	.3		.6	.2	:	:1	:	35.7 21.7	
VAR CALM	7.5	1.6	1.7	.0		2.2	.0	.0	ia	.0	.0	.0	.0	i	.0	. c	.C	
TOT OBS	3008	1191	899 14.5	309 5.0	6207 100.0	2.3	.1	3	24	1.1	170 2.7	91 1.5	45	19	16	2 e • 5	5734 92.4	6207 100.0

TALLE 7

# CUMULATIVE PCT FREQ OF SIMULTAMEOUS OCCURPENCE OF CEILING HEIGHT (NH >4/8) AND YSBY (NH)

						VSBY (NH	13			
	CI	EILING	= OR	= 0R	= OR	= OR	= CR	= OR	2 08	= OR
		FEETI	>10	>5	>2	>1	>1/2	>1/4	>5010	>0
=	CR	>6500	•7	.7	.7	.7	.7	.7	.7	.7
:	OR	>5000	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
:	OR	>3500	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7
=	OR	>2000	2.9	3.2	3.2	3.2	3.2	3.2	3.2	3.2
=	OR	>1000	5.2	5.8	5.9	5.9	5.9	5.9	5.9	5.9
=	OR	>600	6.1	6.9	4.9	6.7	6.7	7.0	7.0	7.0
		>300	6.5	7.2	7.3	7.3	7.3	7.3	7.3	7.3
		>150	4.4	7.3	7.4	7.4	7.4	7.4	7.4	7.4
		> 0	6.5	7.4	7.5	7.5	7.5	7.5	7.5	7.5
	•	TOTAL	415	471	477	478	478	479	479	479

TOTAL NUMBER OF COS: 5378 PCT FREQ NH <5/8: 92.5

TABLE 7A

## PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

APRIL

PERICO: (PRIMARY) 1953-1979 (OVER-ALL) 1362-1979

TABLE 8

AREA 0007 ALAPULCE SOUTH 15.7N 98.9W A STANDARD S

VSBY (NH)		N	NE	E	SE	\$	28	¥	NV	YAR	CALM	PCT	101AE
*****	PCP	.0	. 0	.0	•	.0	.0	.0	.0	.0	.0		403
(1/2	NO PCP			.0	.ŏ	.č	:6	.c				.0	
••••	TOT %	.0	.0	.0	•		.0	.0	.ŏ	.0	.0	•	
	PCP	.0	٠.	•0	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	NO PCP	.0	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	
	101 x	•0	. c	.0	.0	•0	•0	.0	-0	•0	•0	.0	
	PCP	.0	. C	.0	.0	- 0	.0	.0	.0	.0	.0	.0	
1<2	NO PCP	.0	. C	•0	.0	•0	•	.0	.0	.0	•	•	
	101 #	.0	.0	•0	.0	•0	•	.0	•0	•0	•	•	
	PCP	-0	•	•	•	.0	.0		•	.0	.0	•	
2<5	NO PCP	- 1	•	:	.0	:	:	.2	- 1	.c	. 1	. •	
	101 #	• 1	•	•	•	•	•	• 7	. 1	.0	. 1	••	
	1 .P	•	•	•	•	•0	•			.0			
5<10	NI PCP		. 2	.4		• 2	.8			.0			
	101 2	. •	• 5	• •	. 3	-5		2.9	1.9	.0	1.3	1.6	
	PCP	.0	•	•					•			. 1	
10+	NO PCP	6.6	3.1	3.2	2.0				21.4			90.6	
	101 1	6.0	3.1	3.3	5.0	2.1	7.2	35.5	21.4	.0	7.8	90.9	
	TOT OBS												767
	TOT PCT	7.3	7.3	3.7	2.0	2.3	8.1	28.5	23.3	.0	11.2	100.0	

TABLE 9

VSBY	SPD	N	NE		SE	S	Sw		NW	VAR	CALP	PCT	TOTAL
(NH)	KTS	- "	45	•	3.		,,,	•		***			085
	0-3	.0	•	.0	.0	.0			.0	.0	.0	.1	•
<1/2	4-10	•0	•0	.0		•	•	•	.0	.0		.1	
	11-21	.0	•0	.0	.0	.0		.0	.0	.0		•	
	22+	•0	.0	•0	.0	•0	.0	.0	.0	•0		.0	
	101 1	.0	•	•0	•	•	- 1	•	.0	.0	.c	+1	
	0-3	•0	•	•0	.0	.0	.0	•0	.0	.0	•	•	
1/2(1	4-10	٠0	.0	•0	.0	•0	.0	.0	.0	•0		.0	
	11->1	.0	•0	•0	.0	•0	.0	•0	.0	.0		.0	
	22.	•0	.0	.0	.0	•0	•0	.0	۰.	• 0		.0	
	101 1	•0	•	•0	.0	•0	.0	•0	.0	•0	•	•	
	0+3	•0	.0	.0	.0	-0	-0	.0	.0	.0			
1<2	4-10	•	.0	•0	.0	•0	•	•	•	.0		•	
	11-21	•0	• 0	• C	.0	-0	.0	•0	.0	.0		.0	
	22+	•0	•0	• D	•0	.0	• 0	•0	.0	.0		.0	
	101 2	•	•0	•0	.0	•0	•	•	•	•0	•	- 1	
	0-3	-1	•	•	.0	•	•	•	•	+0	-1	.2	
2<5	4-10	•	•	•	•	•	•	- 1	- 1	•0		. 3	
	11-21	•	.0	•0	.0	•	•	-1	-1	•0		• 1	
	22+	•0	•	:	•	.0	•0	:	.0	•0		•	
	107 1	• 1	•	•	•	•	•	.2	.:	٠.	-1	.1	
	0-3	•2	• 1	- 1	.1	- 1	. 3	.5	•2	.0	1.3	2.8	
5<10	4-10	. 4	•1	• 2	• 2	.1	.4	1.9	1.3	.0		4.5	
	11-21	•	•	• 1		•	- 1	.4	.3	.0		1.0	
	22+	•0	.0	•	•	-0	•0	•	•	.0		•	
	TOT \$	• 6	•5	.4	.3	• 2	.8	2.8	1.8	.0	1.3	1.4	
	0-3	1.9	.7	. 9	.6	.5	1.5	3.9	2.0	.0	9.8	22.5	
10+	4-10	4.2	2.0	1.8	1.2	1.3	5.0	24.0	15.3	•0		54.9	
	11-21	. 4	• 3	. 4	• Z	.2	.7	7.6	3.2	.0		13.0	
	22+	•	- 1	•		•0		• 1	•	•0		. 3	
	101 2	6.6	3 - 1	3.2	2.0	2.0	7.2	35.6	21.3	•0	9.8	40.8	
	TOT OBS	7.2	3.3	3.6	2.3	2.3	8.1	38.6	23.3	.0		100.0	7984

APRIL

AND PROCESSION OF THE PROPERTY OF THE PROPERTY

							APR	IL						
							TABLE	10			AF			
			PLR	CENT F							15/E1 A	N.C.		
HOUR (GPT)	00u 149	150 299	300 599	999	1000	2000 3499	35CQ	5000 6499	6500 7999	8000•	TOTAL	AH (5/8 BAY HGI	10116	
00603	. 1	.1	.4	• 1	2.7	1.3	. 4	.5	.2		6.7	93.*	1662	
09500	- 1	.0	•1	.5	2.0	1.3	-6	-1	. •	-5	5.7	94.3	1508	
12615	. 1	.0	• •	2.0	3.9	1.6	1.0	-1	-1	.4	9.6	•	1633	
18821	• Z	. 1	. 5	. 9	2.0	1.4	.8	. 4	.3		٠, 1	92.9	1920	
TOT PCT	. 1	3	24 .4			94 1.4	45	19	17	30 • 5	*83 7.3	616C 92.7	6443 100.0	
	HOUR (GPT) 00003 06009 12015 18021	HOUR COUNTS 1879  HOUR COUNTS 189  OOCO 1  12615 .1  18621 .2  107 8	HOUR COU 150 16P1 149 299 00603 .1 .1 06E09 .1 .0 12E15 .1 .0 16E21 .2 .1	PER HOUR OOU 150 30C (CPT) 149 299 599 00603 .1 .1 .4 .4 .0 .1 12615 .1 .0 .6 16621 .2 .1 .3 10T & 3 24	PERCENT F  HOUR OOU ISO 300 600 (OFF) 149 279 549 999   OOLOG .1 .1 .4 .7  ObED9 .1 .0 .1 .5  12615 .1 .0 .6 2.0  18621 .2 .1 .5 .9  TOT 8 3 24 68	PLRCENT FREQUENCY  HOUR OOU 150 300 600 1000 (16F1) 149 229 599 994 1999   00603 .1 .1 .4 .7 2.7   06609 .1 .0 .1 .5 2.0  12615 .1 .0 .6 2.0 3.9  18621 .2 .1 .3 .9 2.0  107 8 3 24 68 175	PERCENT FREQUENCY OF OCCURRENCY	PERCENT FREQUENCY OF CEILTN OCCURRENCE OF HOUR OOL 150 300 600 1000 2000 3499 4999 00603 .1 .1 .4 .7 2.7 1.3 .4 06609 .1 .0 .1 .5 2.0 1.3 .6 12615 .1 .0 .6 2.0 3.9 1.6 1.0 12615 .1 .0 .6 2.0 3.9 1.6 1.0 16621 .2 .1 .3 .9 2.0 1.4 .6 101 6 3 24 66 175 96 45	TABLE 10  PERCENT FREQUENCY OF CESLING HEIGHT OCCURRENCE OF MH (5/7)  HOUR OOU ISO JOD 600 1000 2000 3500 5000 (6/1) 149 299 549 994 1999 3499 4999 6499 6000 3 .1 .1 .4 .7 2.7 1.3 .4 .5 00609 .1 .0 .1 .5 2.0 1.3 .6 .1 12615 .1 .0 .6 2.0 3.9 1.6 1.0 .1 18621 .2 .1 .5 .9 2.0 1.4 .6 .4 10 10 8 3 24 68 175 94 45 19	PERCENT FREQUENCY OF CETEING HEIGHTS OF CCCURRENCE OF NH (5/4 BY HEIGHT) 189 209 500 5000 3000 3000 5000 5000 6000 1000 3000 3000 6000 1000 3000 3	PERCENT FREQUENCY OF CETETING HEIGHTS (FEFT, NH OCCURRENCE OF NH C5/4 BY HOUR OCCURRENCE OCCU	PERCENT FREQUENCY OF CETATING HEIGHTS (FEFT.NH 'N/6) A OCCURRENCE OF NH C5/4 BY HOUR OCCURRENCE OF NH C5/4 BY HOUR (NHT) 149 299 549 994 1999 3499 4499 6499 1999  00103 .1 .1 .4 .7 2.7 1.3 .4 .5 .2 .4 .7 05109 .1 .0 .1 .0 .1 .5 2.0 1.3 .6 .1 .4 .5 5.7 12615 .1 .0 .6 2.0 3.9 1.6 1.0 .1 .1 .4 9.6 18621 .2 .1 .5 .9 2.0 1.4 .8 .4 .3 .4 .1 10 10 10 10 10 10 10 10 10 10 10 10 10	PERCENT FREQUENCY OF CEPLING HEIGHTS (FEFT.NH "N/E) AND OCCURRENCE OF NH (5/4 by Hour form) 120 120 130 140 140 140 140 140 140 140 140 140 14	PERCENT FREQUENCY OF CEILING MESCH SOCO BONG. ICIAL NH C5/8 TOTAL INC. ICIAL NH C5/8 TOTAL ICIAL NH C5/8 TOTAL INC. ICIAL

			1.4	SLE 2	1						TABLE	12		
		PERCENT	FREQUENCY	53.	(5,4)	P. HCJB		CLPULAT					YSBY (LM)	
HOUR (GPI)	<1/2	1/2<1	1<2	2<5	5<10	10	TOTAL	HOUR (G=1)	<150 <5070	<600 <1	<1000 <5	1000+ AND5+		TOTAL CBS
00663	. 1	.1	•0	.5	6.4	92.8	2010	00103	-1	.6	1.5	5.7	92.8	1612
93340	.1	.0	•1	.6	7.3	91.7	1892	66509	•1	. 3	1.6	4.0	93.5	1446
12615	. 1	.0	•	. 7	10.9	88.2	2016	12615	.1	.8	3 - 1	7.0	89.9	1562
18621	. 1	.0	•1	٠.	9.1	90.1	2297	18021	•2	• 6	1.9	5.7	92.4	1746
101 PC1	1C	2	:	55 • 7	697 8.5	7497 90.7	8215	101 PC1	. 1	37 •6	131 2-1	371 5.8	5876 92.1	637A 100.0

				11	BLE 13	3									TABL	E 14				
	PERC	ENT FR	EQUENC	Y OF R	LATIVE	HLHI	STTY B	Y TEMP	TOTAL	PCT		PERC	ENT FR	ECLENC	Y OF W	140 01	RECTIO	N 64 T	EHP	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100		FPFC		NE	E	se	s	SE	•	No.	YAR	CALP
95/99	.0	.0				.0	.0	.0	5	.1	.0	•0			٠.	.0		•	.0	.с
90/94	.0	.0	•	. 3		. 4	• 1	•	100	1.6	- 1	•	-1	•	. 1	. 1	. 6		.0	
85/89	.0	.0	. 1	.5	5.7	5.4	2.1	.4	1153	18.1	1.1	.5	.5	.5	.6	1.7	6.9	4.1	.0	2.1
80/84	.0	-0	.0	.5	8.2	30,4	20.3	3.7	4010	63.1	4.4	1.8	2.4	1.5	1.5	4.6	25.1	14.2	.0	7.3
75/79	.0	.0	.0	.1		4.8	8.4		1038	16.3	1.6	. 8	. 8	.3	.2	. 8	5.4	4.3	.0	
70/74	.0	.0	.0	.0		.1	. 3	. 3	46	.7	• 1		•	•	•		.2	.2	.0	.1
65/69	.0	.0	.C	.0	.0	•0	•	.0	ì	•	.0	.0	-c	.0	.0	٠.	.0	.0	.0	•
TOTAL	0	Ċ	ŧ	84	765	2866	1976	454	6353	100.0										
PCT	.0	.0	. 1	1.3	15.2	45.1	11.1	7.1			7.4	3.2	3.8	2.4	2 • 3	7.4	38 • 2	23.3	.0	12.0

			TAR	SEE 15									TABLE	16			
MEANS.	EXTREM	ES AND	PERCE	TILES	OF TEM	P 10E	G F) 8	Y HOUR		PEPC	ENT FRE	QLENCY	CF RELA	TIVE H	JF10111	BY HOUF	<b>2</b>
HAX	992	952	502	52	11	HIN	HEAN	TOTAL 280	HOLR (GMI)	0-29	30-59	60-65	70-79	60-89	50-100	FEAL	TOTAL
96	90	46	83	40	77	70	83.4	2060	00503	.c	1.5	22.0	51.6	21.4	3.4	75	1633
95	86	84	81 80	77	75 73	69	81.0	1927 2065	06609 12615	.0	.7	7.C 5-1	36.8	41.8	9.7	86 81	1520
97 97	92 90	89 88	84	79 77	75 75	68	83.8 82.1	7324 8376	18621 107	.0	3.1	24.7	5C+8 2954	16.1 2031	3.3	74	177C 6535
	96 96 92 97	MAX 992 96 90 96 86 92 85 97 92	MAX 992 952 96 90 65 96 86 84 92 85 84 97 92 87	MEANS, EXTREMES AND PERCEN MAX 992 952 502 96 90 86 83 96 86 84 81 92 85 88 80 97 92 89 84	94 99 95 50 52 96 96 96 86 84 81 77 92 85 86 80 76 97 92 89 84 79	MEANS, EXTREMES AND PERCENTILES OF TEM MAX 992 953 502 52 12 96 90 46 83 80 77 96 86 84 81 77 75 92 85 84 80 76 73 97 92 89 84 79 75	MEANS, EXTREMES AND PERCENTILES OF TEMP (DE MAX 992 952 502 52 12 MIN 96 90 48 83 80 77 70 69 84 84 81 77 75 69 92 85 84 80 76 73 69 97 97 92 89 84 79 75 48	MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) 8  MAX 992 952 502 52 12 MIM MEAN 96 90 48 83 80 77 70 83.4 96 86 84 81 77 75 69 81.0 92 85 84 80 76 72 69 80.0 97 92 89 84 79 75 88 83.8	MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR  MAX 99% 95% 50% 5% 1% MIM MEAN TOTAL 08% 96 90 46 83 80 77 70 83*N 2080 96 84 84 81 77 75 69 81.0 1927 92 85 84 80 76 73 69 80.0 2005 97 92 89 88 79 75 88 83.8 7324	MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR  MAX 992 952 502 52 12 MIM MEAN TOTAL HOUR  96 90 68 83 80 77 70 83.4 2060 00003  96 86 84 81 77 75 69 81.0 1927 06609  92 85 84 80 76 71 69 80.0 2065 12215  97 92 89 84 79 75 88 81.6 7324 18621	MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR PEPC MAX 992 952 502 52 12 MIM MEAN TOTAL HOLP 0-29 085 (GMT) 96 90 46 83 80 77 70 83-8 2060 00103 .C 96 86 84 81 77 75 69 81-0 1927 06600 .0 97 92 85 88 80 76 73 69 80-0 2065 12215 .0 97 92 89 88 79 75 68 83-8 7224 18221 .C	MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR PEPCENT FRE  MAX 992 952 502 52 12 MIM MEAN TOTAL HOLD 0-29 30-59  96 90 46 83 80 77 70 83-8 2060 00103 .C 1.5  96 86 84 81 77 75 69 81-0 1927 06600 .0 .7  92 85 84 80 76 73 69 80-0 2065 12215 .0 .3  97 92 89 84 79 75 64 81-8 7224 18221 .C 3.1	MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR PEPCENT FREQUENCY  MAX 992 952 502 52 12 MIN MEAN TOTAL HOLR 0-29 30-59 6C-65 085 (GMT)  96 90 48 83 80 77 70 83-8 2060 00103 .C 1.5 22-C 96 86 88 81 77 75 69 81-0 1727 06609 .0 .7 7-C 92 85 88 80 76 73 69 80-0 2065 12215 .0 .3 5-1 97 97 92 89 88 79 75 88 83-8 7324 18621 .C 3.1 24-7	MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR PEPCENT FREQUENCY OF RELA MAX 992 952 502 52 12 MIM MEAN TOTAL 085 (GHT) 96 90 68 83 80 77 70 83-8 2060 00103 .C 1-5 22-C 51-6 96 86 88 81 77 75 69 81-0 1927 06109 .0 .7 7-C 40.7 92 85 88 80 76 73 69 80-0 2005 12215 .0 .3 5-1 36-6 97 92 89 88 79 75 88 83-8 7324 18421 .C 3-1 24-7 56-6	MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR PEPCENT FREQUENCY OF RELATIVE HI  MAX 992 952 502 52 12 MIM HEAM TOTAL 085 (GMT)  96 90 68 83 80 77 70 83-% 2060 00103 .C 1.5 22-C 51.6 21-%  96 86 84 81 77 75 69 81.0 1927 06609 .0 .7 7.6 40.7 91.8  92 85 84 80 76 73 69 80.0 2065 12615 .0 .3 5.1 36.6 45.0  97 92 89 84 79 75 84 83.6 7324 18621 .C 3.1 24-7 50.6 16-1	MEANS, EXTREMES AND PERCENTILES OF TEMP (OEG F) BY HOUR PEPCENT FREQUENCY OF RELATIVE HUPIDITY  MAX 992 952 502 52 12 MIM MEAN TOTAL HOLR D-29 30-59 60-65 70-79 80-89 50-100  96 90 68 83 80 77 70 83-8 2080 00003 .C 1-5 22-0 51-6 21-8 3.4  96 86 84 81 77 75 69 81-0 1927 06609 .D7 7.0 40-7 91-8 9-7  92 85 84 80 76 71 69 80-0 2065 12215 .D3 5-1 36-8 45-0 12-8  97 92 89 84 79 975 88 81-8 7324 18621 .C 31-1 28-7 50-8 18-1 3-3	MEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR PEPCENT FREQUENCY OF RELATIVE HUMIDITY BY HOUR MAX 992 952 502 52 12 MIM HEAM TOTAL OBS (GRI) 96 90 48 83 40 77 70 83.4 2080 00103 .C 1.5 22.C 51.6 21.4 3.4 75 96 86 84 81 77 75 69 81.0 1927 08609 .0 .7 7.C 40.7 41.8 9.7 40 92 85 84 80 76 71 69 80.0 2085 12215 .0 .3 5-1 36.8 45.0 12.8 41 97 97 92 89 84 79 75 88 81.8 7324 18821 .C 3.1 24-7 56.8 18.1 3.3 7

APRIL

PERIOU: (PRIMARY) 1953-1979 (OVER-ALL) 1862-1979

TABLE 17

AREA COOT ACAPULCE SOUTH 15.7N 98.9W HOUT PRECIPITATION) 

PCT FREQ OF	AIR	TEMPERATURE	(CEG	f)	AND	THE	OCCURRENCE	OF	FOG	CETTHOUT	PRECIPITATION	()
		40		10								

AIR-SEA	69	73	77	61	85	89	>92	101	¥	MO
THP DIF	72	76	10	84	8.8	92			FCG	FOG
14/16	.0	.0	-0	•	•	•	•	8	.c	.1
11/13	.c	.0	.0	•	• 1	- 1	• 1	16	٠.	• 2
9/10	.0	.0	•	- 1	• 2	. 2	- 1	42	.0	. 6
7/8	.0	.0		.2	.4	. 5	- 1	50	.0	1.2
6	.0	.0		. 3	. 7	• 3	•0	+3	.0	1.3
5	.0	.0	- 1	. 4	1.2	.5	.0	158	.0	2.2
4	•0	•	. 2	1.3	1.5		•	243	.0	3.4
3	.0		. 3	1.4	2.0	• 2	.0	284	.0	3.9
2	•0	.0	.5	3.7	2.9	- 1	•	524	•	7.2
1	.0	•		4.3	2.5	•	•0	550	•	7.6
0	.0	- 1	1.4	9.9	2.5	. 1	•0	1041	•	14.4
-1	.0	-2	2.4	7.8	1.4	•	.0	854	.0	11.9
-2	•	.2	4.9	10.1	. 7		-0	:144	•	15.8
-3	.0	. 3	4.1	5.6	. 3	•0	•0	,	•	10.3
-4	•	.5	4.0	3.9	- 1	-с	• C	617	.0	8.6
-5		. 3	3.1	2.0	• 1		•0	401	•	5.6
-6	•0	. 3	1.6	-6	.c	٠¢	•0	184	.0	2.6
-7/-8	•	. 3	1.3		- 0	-0	-0	151	•	2.1
-9/-10	•	• 2	. 3	. 1	•	• 0	•0	46	.0	.6
-11/-13	•	. 1	- 1	•	• C	.0		14	.0	• 2
-14/-16		.0	•	-0	.0	.0	.0	4	.0	. 1
-17/-19		.0	.0		• 0	.0	.0	1	.0	•
TOTAL	16		1837		1200	_	22	_	13	7190
		191		3762		175		7203		
PCT	.2	2.7	25.5		16.7	7.4	. 3	100.0	.2	99.8

PERIOD: (OVER-ALL) 1963-1979

7481 F 1

PCI FREE OF	MING SPEED	(KIS) AND	DIRECTION	AEK202	ZEN HEICHIZ	(, , ,

				٨.							NL			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
(1	. 8	1.2	- 1	.0	• C	.0	2.1	.3	.6	•с	٠.	.0	٠.	
1-2	.6	2.6	- 1	• 0	• C	•0	3.3	•2	.9	.3	.0	•0	-0	1.3
3-4	. 3	. 7	.2	.0	• C	.0	1.2	.1	. 3	• 1	.0	•0	.0	.5
5-6	٠.	- 1	.0	•0	.0	•0	• 1	•0	.1	.0	. 1	.c	• C	• 1
7	·c	.0	.0	.0	• C	•0	.0	.0	.0	. 1	-0	.0	-0	- 1
8-9	.0	.0	•0	•0	• C	•0	.0	.0	.0	•	.0	.0	• C	•
10-11	.0	• č	.0	.0	• ¢	•0	.0	.0	.0	• C	.0	.0	.0	.0
12	•0	.0	.0	.0	3,	.0	.0	.0	.0	.0	•0	.c	.0	.0
13-16	•0	.0	•0	.0	• C	•0	.0	.0	٠.	.0	.0	٠.	.0	• C
17-19	•0	٠٤	.0	.0	٠.	•0	•0	-0	.0	.0	.0	•C	•C	•0
20-22	•0	.0	.0	.0	.с	.0	• 0	.0	.0	•0	•0	.0	.0	•0
23-25	.0	.0	•0	.0	٠.	. (,	•0	.0	.0	٠٤	•0	•0	.0	.0
26-32	.0	•0	•0	.0	٠Ċ	.0	• 0	•0	.0	.0	•0	.0	.0	.0
33-40	.0	٠c	.0	•0	.0	.0	•0	-0	.0	.0	-0	-0	•0	-0
41-48	.0	-c	•0	•0	٠.	.0	-0	.0	.0	•0	•0	.c	-0	•0
49-40	·c	.0	.0	•0	.¢	•0	•0	.0	.0	٠0	.0	.c	•0	-0
41-70	.c	-0	.0	-0	.c	•0	.0	-0	.0	.0	•0	•0	-0	.0
71-86	-0	.0	.0	•0	.0	.0	•0	.0	.0	.0	•0	.0	•c	•0
£7+	.c	• 0	•0	.0		.c	.0	•0	-0	.0	.0	.0	•0	.0
TOT PCT	1.7	4.6	.3	.0	•c	.0	6.6	.5	1.5	.5	-1	•0	-0	2.9
HGT	1-3	4-10	11-21	E 22-33	34-47	48+	PCT	1-3	4-10	11-2.	SE 22-33	34-47	44.	<b>PC1</b>
<1														
	.7	- 3	• 1	.0	٠.	.0	1.1	.3	.3	.0	.0	•0	. C	.6
1-2	.2	. 7	. 3	.0	٠.	.0	1.3	.3	. 4	. 1	•0	٠.	.0	. 7
1-2 3-4	.2	.7	.3	•0	3.	.0	1.3	.3 .1 .0	.4	.1	.0	.c	.0	.7
1-2 3-4 5-6	•2 •0	.7 .3	.3 .5	.0	.0	.0	1.3	.3 .1 .0	.4	.1 .1	.0 .0	.c .c	.0	.7
1-2 3-4 5-6 7	.0	.7 .3 .0	.3 .5 .1	•0	.c .c	.0	1.3 .8 .1	.3 .1 .0 .0	.3	.1 .1 .0	.0 .0 .0	.c .c	.0	.7 .4 .1
1-2 3-4 5-6 7 8-9	.0	.7 .3 .0	.3 .5 .1 .0	.0 .0 .0	.0	.0	1.3 .8 .1 .0	.3 .1 .0 .0	.4	.1 .1 .0	.0	0. 0. 0.	.0	.? .1 .0
1-2 3-4 5-6 7 8-9 10-11	.0	.7 .3 .0 .0	.3 .5 .1 .0	.0		.00.00	1.3 .8 .1 .0 .1	.3 .1 .0 .0 .0	.4 .3 .0 .0	.1 .1 .0 .0	.0	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.0	.7
1-2 3-4 5-6 7 8-9 10-11	.0 .0	.7 .3 .0 .0	.3 .5 .1 .0 .1	.0		.00000000000000000000000000000000000000	1.3 .8 .1 .0 .1	.3	. 4 . 3 . 0 . 0	.1 .1 .0 .0	.0.00		.00.00.00	.7
1-2 3-4 5-6 7 8-9 10-11 12 13-16	.00.00.00	.7 .3 .0 .0 .0	.3 .5 .1 .0 .1	.0		.00000000000000000000000000000000000000	1.3 .8 .1 .0 .1 .0	.3	.4 .3 .0 .0 .0	.1 .1 .0 .0	.0		.0.0	.7
1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19	200000000	.7	.3	.0		000000000000000000000000000000000000000	1.3 .8 .1 .0 .1 .0	.3	.4 .3 .0 .0 .0 .0 .0 .0 .0	.1 .0 .0 .0 .0 .0	.0			.74.100000000000000000000000000000000000
1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22	20000000000	.7	.3 .5 .1 .0 .1 .0 .0	.0		000000000000000000000000000000000000000	1.3 .8 .1 .0 .1 .0	.3	.4	.1 .0 .0 .0 .0 .0 .0 .0 .0	000000000000000000000000000000000000000	0.00.00.00.00.00.00.00.00.00.00.00.00.0		.7
1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25	×00000000000	.7	.3	.00.00		000000000000	1.3 .8 .1 .0 .1 .0	.3	.43.00000000000000000000000000000000000	.1 .1 .0 .0 .0 .0 .0 .0 .0 .0			000000000000000000000000000000000000000	.7
1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32	N000000000000	730000000000000000000000000000000000000	.3	.00000000000000000000000000000000000000		0000000000000	1.3 .8 .1 .0 .0 .0	.3	43000000000000	.1 .0 .0 .0 .0 .0 .0 .0 .0			000000000000000000000000000000000000000	741000000000000
1-2 3-4 5-6 7 6-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40	**************************************	73000000000000	.3			000000000000000000000000000000000000000	1.3 .8 .1 .0 .1 .0 .0 .0	.3	430000000000000	.1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0				7 10000000000000
1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32	N000000000000	730000000000000000000000000000000000000	.3	.00000000000000000000000000000000000000		0000000000000	1.3 .8 .1 .0 .0 .0	.3	43000000000000	.1 .0 .0 .0 .0 .0 .0 .0 .0			000000000000000000000000000000000000000	7 4 10000000000000
1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 41-48	N00000000000000	7300000000000000	.3			00000000000000000	1.3 .8 .1 .0 .0 .0 .0	.3	430000000000000000000000000000000000000	.1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0				7410000000000000
1-2 3-4 5-6 7 8-9 10-11 13-16 17-19 20-22 23-25 26-32 33-40 41-48 49-60	~00000000000000000000000000000000000000	.00.00.00.00.00.00.00.00.00.00.00.00.00	.3			000000000000000000000000000000000000000	1.3	.00	430000000000000000000000000000000000000	.1				.7
1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 41-48 49-66	2000000000000000	730000000000000000000000000000000000000	.3 .5 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0			000000000000000000	1.3 .8 .1 .0 .0 .0 .0 .0	.3 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0	.30000000000000000000000000000000000000	.1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.00.00.00.00.00.00.00.00.00.00.00.00.00		.00	.7 .4 .10000000000000000000000000000000000
1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 23-25 26-32 33-40 41-48 49-60 61-70 71-86	200000000000000000000000000000000000000	.00.00.00.00.00.00.00.00.00.00.00.00.00	.3 .5 .1 .0 .0 .0 .0 .0 .0 .0 .0	.00.00.00.00.00.00.00.00.00.00.00.00.00			1.3 .8 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.3 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.30000000000000000000000000000000000000	.1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0				.7

PER100:	(OVE	P-ALL)	1963-1	1979					APRIL				AREA			CC SCUTH
								TABLE :	IS ICCNT	)				15.	7N 98	.94
				PC	T FREC OF	#1MD	SPEED	(KTS)	AND DIREC	CTION 1	VERSUS S	EA HEIG	HIS (FI	)		
#G1				\$			PCT		1-3	4-1C	11-21	22-33	34-47	48+	PCT	
	1-3	4-18	11-21	22-33	34-47	48.			1-3	1.9		22-33	34-47		2.8	
1-2	.3	.6	.0	.0	.c	.0	1.0		.3	2.6	.1	.0		.0	3.1	
3-4	:ć	::		.0	:6		1.1			.5	.5			.0	1.1	
5-6	::				::	3.	.0				::	.č	:è	.č		
7				:0	:6				.0			.0	ί.			
4-9	.č			.0					.0				5.			
10-11	.0	.0			.c	.0			.0		3.		3.		·ċ	
12			.0	.0		.0			.0	.0		.0	.0	.0	.0	
13-16		:6	.č	.0		.č	ě		•0		.0	.5	.0	.0	.0	
17-19	•0		.0	.0	·c	•0			.0		.c		.c	.0	.0	
20-22	.0	.0	.0	.0	.c				.0		.0	.0	. C	.c		
23-25	• 0	.0	.0	.0	• 0	. 6	.0		.0	3.	.0	•0	.0	.0	.0	
26-32	.0	.0	.0	• 0	. c	.0	.0		.0	.0	2.	.c	.0	٠.	.c	
33-40	.0	.0	.0	.0	٠¢	.c	.0		.0	.0	.0	.0	.0	.0	٠٥	
41-46	.0	.0	.0	.0	٠.	•0	.0		.0	.0	.0	.0	.c	.0	-0	
49-60	.0	.0	.0	.0	.0	.0	.0		.0	.0	• C	.0	•c	.0	.c	
61-70	.0	.0	.0	.0	٠.	.0	.0		.0	.0	.0	.0	• 0	.0	-0	
71-86	.0	•0	.0	.0	. C	.0	.0		.0	.0	•0	.0	.0	.0	.c	
87.	• 0	.0	.0	.0	٠.	.0	.0		.0	.0	.0	.0	.с	.0	.c	
TOT PCT	. •	1.5	.1	•0	٠.	•0	2.0		1.3	5.1	. \$	•0	•0	.0	7.2	
												N.E				TOTAL
HGT	1-3	4-10	11-21		34-47	48+	PCT		1-3	4-13	11-21	22-33	34-47	46+	PCT	PCI
(1	2.0	5.4				.0	7.8		1.2	4.4	.;		.0		5.7	
1-2	1.3	16.2	3.7	.5	.č	.c	21.2		1.2	10.2	1.5				12.8	
3-4	.1	5.2	3.2	•1	• 0	.0	8.7		•1	3.5	. 9	.0	.0	.0	4.5	
5-6	.c		1.6	.0	. c	.0	2.2		.0	. 5	. 7	.0	.c	.0	1.2	
7	•0	. 1	. 3	.0	·c	.0	.4		.0		. 1	.0	٠.	.0	• 1	
8-9	.0	.0	.1	-0	٠.	.0	. 1		•D	.0	•	•C	٠.	• C	•	
10-11	.0	.0	.0	.c	.0	.0	.0		-0	.0	. 1	.0		.0	- 1	
12	.0	.0	.0	-0	٠.٤	-0	.0		.0	. 0	•0	.0	• 0	٠.	.0	
13-16	٠0	.0	.0	.0	•с	•0	.0		•0	.0		.0	-0	.0	•0	
17-19	.0	.0	.0	-0	٠.	.0	.0		-0	.0		.0	.C	-0	.0	
20-22	•0	·c	.c	.0	•c	.0	.0		.0	.0		.0	-c	.0	.c	
23-25	٠.	.0	.0		• C	.0	.0		.0	.0		-0	•c	•0		
26-32	•0	.0	.0	.0	٠.	.0	.0		.0	-0		•0	•0	• C	.0	
33-40	•0	+0	.0	.0	•с	٠.٥	.0		.0	-0		•0	٠¢	.c	•0	
41-48	.0	•0	•0	.0	-6	.0	.0		•0	-0		-C	•0	-0		
49-60	-0	.0	.0	.0	٥.	.0	.0		•0	•0		•0	.c	•0	•0	
61-70	.0	.0	••	•0	• C	•0	.0		•0	.5		•0	.0	.c	.c	
71-86	•0	•0	•0	.0	•¢	-0	-0		.0	•0		.c	• 0	.0	•¢	
87+	0	٠.	.0		٠,	-0				0		.0	•¢	٠.		
TOT PCT	3.5	27.8	8.9	-1	٠.	-0	40.4		2.4	18.6	3.3	.0	•0	.0	24.4	88.6

	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FI)		
HGT	0-3	4-10	11-21	22-33	34-47	•••	PCT	TCT
(1	18.0	15.0	. 3	.0	.0	.0	33.3	
1-2	4.6	34.0	6.3				44.9	
3-4	.,	10.7	5.4		.0		17.1	
5-6	•0	1.3	2.5		.0		3.9	
7	•0	• 1	.5				.6	
8-9	.0	.0					.1	
10-11	•0	•0	•1				.1	
12	.0						.0	
13-16	•0	•0	•0				.0	
17-19			.5				.0	
20-22	.0						.0	
23-25	.0		.0				.0	
26-32			.0					
33-4C							.0	
41-48	-0	.0					.0	
49-6C		.0						
61-7C	.0	.0	.0				.0	
71-86	.ŏ	.0						
A7.								
	•••	•••	•••	•		•••	••	1486
TOT PCT	23.5	61.2	25.1	.2	.0		100.0	

PERIO	D: 104	EP-ALL	.) 194	9-1979	,				TABLE	19											
					PERCER	T FFE	0UENCY	OF WA	4E HE1:	GHT IF	T) VS	4 3 V A W	00193	(SECON	051						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	**9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	67•	TOTAL	PEAL PGT
(6	9.7	25.6	14.7	3.5	. 8	.2				.0	0	.0	0				.0	.0	.0	3045	2
6-7	. 3	3.0	5.8	3.3			. 1										.0	.c	.0	768	4
ă- <b>†</b>	.1	1.5	2.8	1.6	.6			-1								.0	.0	.c	.0	394	
10-11	.0	1.2	1.4	. 9	.2	.1			.0			.0					.0	.0	-0	218	
12-13	.0	.0	1.1	. 4	.2	.1	. 1		.0	.0		.0					.0	.0	.0	105	
>13	.0	.0	.0	.3	.1			.0		•0		.0			0		.0	-0	-0	28	ŧ
INDET	12.7	2.7	2.1		• 1			.0	.0	-0		.0					.0	.0	.0	1616	1
TOTAL	1266	1891	1565	602	155		21	10		3	Č	ō				. 0	0	Ċ	Ċ	5586	ž
PCT	22.7	33.9	28.D	10.6	2.4	1.2	.4	•2	• 1	•1	.0	.0	0				.0	-0	-0	100.0	

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									**	٧								
PERIOD:	(PRIMARY) (OVER-ALL)								3 4 8 L	εı				APEA DI		ACAP 15.7N	98.9k	CTH
					P	ERCEN	FREG	JENCY (	F SEATHE	R 00	CURPENCE	8Y #1	NO DIR	ECTION				
				•	RECIPI	14110	TYPE						OTHER	<b>SEATH</b>	EP 1	PHENOME	NA .	
	NAO DIP	RAIN	FAIR	DEZL	FRZG	SNOW	OTHER	MAIL	PCPh A1	PC	PA PAST	THOR	FOG	FOG 1	0 :	SHOKE	SPEAY	NC

			P	RECIPI	141104	TYPE					OTHER	BEATHER	PHENO	MENA	
NNO DIP	RAIN	FAIR SHER	OFZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	MAIL	PCPh A1 OB 1:rE	PCPA PAST HOUP	THOR LTNG	FOG WC PCPN	FOG WO PCPA PASI HR	SHOKE HAZE	BLWG SNOW	HC SIG BEA
N NE E SE S V NE VAR CALP	1.2 2.1 6.6 4.2 3.6 -7 .2 .4	.3 .7 1.4 2.2 .9 .3 .2 .3	.6 .3 1.5 1.0 .9 .1 .1 .2	00000000000	000000000000000000000000000000000000000		000000000000000000000000000000000000000	1.9 3.0 9.3 7.4 5.1 1.1 .5	3.9 3.9 2.9 2.1 .5	2.8 4.6 5.3 6.2 5.1 3.2 .9 1.7	2.1 .2 (,) .7 .5 .3	000000000000000000000000000000000000000	8.8 7.6 4.2 5.5 3.3 9.2 7.2 6.8	.¢ .1 .1	84.6 79.9 77.3 77.7 84.6 85.3 90.6 89.9
101 PCT 101 085:	1.0	.4	.3	•0	•0	•0	·c	1.7		2.3	.5	.0	8.0	•1	46.7

TABLE 2

					P	ERCENT	FREQUE	NCY OF LE	ATHER OCCUP	RENCE	84 HOL	R			
			F	RECIPI	TATIO	N TYPE					OTHER	<b>BEATHER</b>	PHENC	HERA	
HOUR (GMT)	RAIN	RAIN Sher	DRZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	MAIL	PCPN AT 08 TIPE	PCPA PAST HOLR	THOR LTNG	FOG NO PCPN	FOG LO PCPA PAST HR	SMOKE HAZE	SPRAY BLWG CLST BLWG SACL	
00603 0660 <del>9</del> 12615 18621	1.1 1.7	.2 .6 .8 .3	.2	.0 .0	.0 .0	•0	.0	1.8 3.0 1.4	.3 .9 1.5	6.5 2.7	.4 .5 .7	.0	7.8 6.1 6.9		90.2 84.5 85.1 87.1
TOT PCT TOT OBS:	1.0	• 5	.3	•0	.0	.0	•0	1.7		2.3	.5	-0	7.8	•1	86.7

TABLE 3

								1	ABLE 3								
				PERC	ENTAL		•	WIND C	IPECT10	N BY SPE	ED AN	D 84 H	DUR				
WAD DIR	0-3		ND SPEE 11-21			***	101AL 085	PC1 FREQ	PEAN SPD	CO	03	06	HOLR OF	(GPT)	15	18	21
h	1.6	4.7	.5	•	.0	•		6.8	6.1	2.5	1.6	5.6	3.7	12.5	7.1	7.4	6.5
HΕ	. 8	2.3	. 3	. 1	.0	.0		3.5	4.6	3.7	4.4	3.5	5.2	4.9	6.4	3.3	4.1
E	. 0	3.0	- 9		•	•		5.0	9.0	2.7	3.7	4.6	7.0	4.0	7-5	6.0	8.7
SE		2.4		. 1	•			9.1	8.4	4.8	4.4	4.4	3.3	2.9	5.0	4.3	5.1
Š	. 9	2.1	.4	.1	•			3.4	6.8	5.3	6.5	4.0	3.9	1.7	2.8	2.5	4.4
5	1.7	6.0	1-1	•	•0	.0		8.7	6.6	17.4	16.5	7.5	10.0	2.9	4.3	6.5	7.4
i i	4.2	24.3	7.2	. 1	•	.0		35.7	8.0	44.7	43.5	38.1	37.6	24.5	31.6	31.6	34.4
Nb	3.4	15.1	3.6		.0	.0		22.1	7.4	11.4	17.3	10.4	18.9	32.7	28.6	25.0	20.1
YAR	.0	.0	.0		.0	.0		.0	.0	.0	.0	.0	.с	.0	.0	-0	.0
CAL =	10.6							10.4	٠c	5.5	2.1	13.6	9.6	11.7	6.7	12.7	7.1
TOT 085	2277	5502	1369	58	8	6	9220		6.8	2108	142	2017	135	2026	239	2383	170
TOT PCT	24.7	59.7			• 1	· i		100.0				100.0					

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\* o describination of the

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PERIOD: (PRIMARY) 1453-1974 (OVER-ALL) 1861-1974

TABLE 4

AREA COOT ACAPULCO SOLTH

*******	FREQUENCY	06	414 D	12112		MALIA	
FACEMIANE		v		32560	DΤ	FUUR	****

				RIND	SPEED I	KNOTSI			PCT	TOTAL
HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	"E AN	FREC	QB5
00663	5.3	11.0	\$1.9	21-1		- 1	-0	7.9	100.0	2250
90330	13.4	13.4	58.8	13.6	.7	- 1	-1	6.5	160.0	2152
17615	11.2	15.2	60.5	12.6	. 4	•	•	6.3	100.0	2265
18471	12.3	16.6	57.7	12.4		- 1	- 1	6.3	100.C	2553
101	974	1303	5502	1369	58	8	6	6.8		9220
PC 1	10.6	14.1	59.7	14.8	-6	- 1	- 1		100.0	

TABLE 5

TABLE 6

	PCI FPS			1000 A		(E 16H1H51							CEILIN NH (5/					
WHD 016	R 0-2	3-4	5-7	8 £	TOTAL OBS	CODIO	000	150 299	300 599	600	1000	2000 3499	3500	5000	6500 7959	*cco•	NH (5/8 ANY HST	
N	2.5	1.4	2.1	1.1		4.C	•	•	-1			.3	.1	- 1		•	5.8	
۸E	1.1	. 6	. 9	.7		4.2	•	.0	•	•2	• 3	- 1	•	•	-0	•	2.6	
٤	1.0	.9	1.6	1.4		5.0		•	. 1	.4	.7	. 1	. 1	. 1		•	3.3	
šE	. 9	.7	1.5	1.1		5.1	. 1	•	.1	. 3	. s	. 2	.1			. 1	3.0	
S	1.2	. 5	1.0			4.2	. 1	.0	.1	.1	. 3	.1	•	.0			2.4	
Š¥	3.5	2.9	2.2	. 4		3.4	. i			.2		.1	. 1	•			7.4	
	16.4	4.1	7.6	3.1		3.1	.2	•	-1		1.9			. 7	. 1	2	31 7	
NW	9.4	5.0	5.4	2.3		3.4			.1	. 6	1.0	. 5			.2		15.C	
VAR	.0			.0		.0		.0		.0	. c		.c		.c	::	٠	
CALM	5.1	2.0	2.4	1.5		3.3				.3	. 5	.2	.;	-:			9.4	
101 08		1975	1725	872	6955		42	11	39	210	379	170	85	36	28		5888	6955
107 PC		21.2	24.8	12.5	100.0				-									100.0
	1 41.5	64.6	6	14.7				.2	.6	3.0	5.4	2.4	1.2	. 6			84.7	100.0

TABLE 7

## CUMULATIVE PCT FREG OF SIMULTANEOUS OCCURPENCE OF CEILING MEIGHT (NH >4/8) AND VSBY (NP)

						VSBT INF	,			
	- 01	EILING	: CR	= 08	I OR	: QR	I OR	2 08	= 04	#3 =
	•	FEETI	>10	>5	>2	>1	>1/2	>1/4	>5010	>c
:	CR	>6500	1.1	1-3	1.4	1.4	1.4	2.4	1.4	1.4
=	OR	>5000	1.6	1.*	1.9	1.9	1.9	1.4	1.9	1.6
=	CR	>3500	2.5	3.0	3.1	3.1	3.1	3 - 1	3.1	3.1
:	CR	>2000	4.5	5.4	5.5	5.5	5.5	5.5	5.5	5.5
:	CR	>1000	8.7	10.7	10.9	10.9	10.9	10.4	10.9	10.4
:	OR	2600	11.2	13.4	13.8	13.0	13.9	13.4	13.9	13.9
=	OR	>300	11.6	14.1	14.3	14.4	14.4	14.4	14.4	14.4
:	0.0	>150	11.7	14.2	14.5	14.5	14.6	14.6	14.6	14.6
:	CR	> 0	12.1	14.8	15.1	15-1	15.2	15.2	15.2	15.2
		TOTAL	844	1652	1075	1078	1001	1082	1000	1005

TOTAL NUMBER OF OBS: 7131

PCT FEEC MM <5/#: 84

TABLE 7A

PERCENTAGE FREE OF LCG CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 0BSCC CBS 29.1 18.0 16.0 12.1 7.7 4.2 3.0 3.1 4.5 .4 7589 PERIOD: (FRIMARY) 1657-1679 (CVER-JEL) 1861-1976

APER COO? ACAPULCE SOLTH

acc) i	861-1975						TA	PLE A					19
		PI	ERCENI						URDERCE ALUES			LRRENC Y	e or
VSBT			۸E	€	SE	s	Sh	•		AVE	CALF	PCT	101aL OBS
	PCP	. c	٠.	•	-0	.0	.0	٠.	.c	.0	-c	•	
<1/2	NO PCP	• 0	.c		.0	.0		•	•	. 0	.0		
	TOT 1	.c		•	•0	.0	• 0	•	•	.c	.0	. 1	
	PCP	•0	٠.	•	•	.0	.0	٠.	.0	٠.	.0	•	
1/2<1	NC PCP	•	٠.	.0	٠0	.0	•	• 0	.0	.0	.0	•	
	101 1	•	• 5	•	•	.0	•	٠.	•0	.c	.0	- 1	
	PCP	•		•	•	.0	٠.	-c	2.	٠.	.c	. 1	
1<2	NC PCP	.0	•	•	٠C	.0	.0		.c	٠.		. 1	
	101 1	•	•	- 1	•	•0	٠.	•	.0	٠.	•	. 3	
	PCF	•	•	. 1	•	.c	•	•	•	٠.	•	-2	
2<5	NO PCP	- 1	- 1	- 1	- 1	- 1	•	• 2	.1	٠.	•	.7	
	TCI 1	- 1	. 1	- 1	- 1	. 1	•	• 2	. 1	.c	•	٠,	
	PCP	•	. 1	.2	. 2	.1	•	. 1	•	.c		. 7	
5<10	NO PEP	. 8	• 5	.6	. 6	. 3	1.2	3.3	2.0		1.*	11.2	
	101 2	. •	• •	. e	• 7	••	1.2	3.4	2.1	• 0	1.9	11.9	
	PCF	• 1	•	. 1	. 1	. 1	- 1	- 1	.1			. 7	
10.	NC PCP	5.0	2.0	3.8	3.2	2.8	7.4	32.2	19.6	- C	5.6	86.3	
	101 1	5.9	2.€	3.9	3.3	7.9	7.5	52.3	19.7	•с	8.6	87.0	
	101 085												
	101 PC1	6.9	3.5	5.0	4.2	3.4	8.7	35.8	21.9	•5	10.6	100.0	

TABLE +

			•						45 E1		EE		
VS * Y	SPD	*	ME	E	SC	s	56	¥	**	YAP	CALP	PCT	TOTAL
	0-3	•0	.0		٠.	.0	.0	•	•	.0	- 0		•••
(1/2	4-10		.0				Ĵ.	•	•			- 1	
	11-21	.0		•		.c	3.	.0	.0				
	22.	•0			•0	.c		٥.		.0			
	101 1	•0	.č	•	•6	.0	.c	.1	•	.0	.с	- 1	
	0-3	٠0	•	•	٠,	٥.	•	٠.	.с	.0			
1/2<1	4-10	•	.0	.0	.c	.0	•	.0	.0	.0		•	
	11-21	•0	.0	•	•	-6	.0	.0	.0	.0		•	
	22.	•0	.0	.0	•	.0		•0	.0	.0		•	
	101 1	•	•	•	•	-0	•	٠.	.0	•0	.0	. 1	
	0-3	.0	.c	•	•	.0	-c	•	.0	-0	•	-1	
1<5	9-17	٠.6	.0	.0	٠.0	-0	-0	•	.0	.0		•	
	11-21	•	•	•	•	.0	• 6	•	•	.с		. 1	
	52+	.3	.0	. 1	.0	.0	.0	•0	-0	.0		-1	
	101 1	•	•	-1	•	.0	.0	- 1	•	-c	•	-2	
	0-3	•		•	•	•	•	•	- 1	٠.	-1	- 3	
2<5	·-10	-1	•	-1	-1	•	•	- 1	. 1	2.		-5	
	11-21	.0	•	•	•	•	•	•	•	-0		-2	
	55.	٠.	.0	•	•	•	.c	.0	-0	-0		- 1	
	101 2	•1	•1	.2	-1	-1	•	• ?	-2	.0	- 1	1.1	
	C-3	• 2	• 2	-1	- 1	- 1	. 3	. 6		٠.	1.5	3.9	
5<10	4-1C	• 6	- 3	•		. 3	•	2-2	1.3	·¢		6.3	
	11-21	-1	- 1	• 2	•2	•	• 1		• 2	-0		1.4	
	55.	•	•	- 1	• 1	•	. :	0	-0	•0		2	
	TCT &	.4	• •	. 4	.7	••	1.5	3.3	2.0	.0	1.6	11.0	
	0-3	1.4		7			1.3	3.5	2-7	-¢		20.3	
10-	4-10	4-1	1.9	2.5	5.0	1.0	5-1	23.9	13.6	-5		52-6	
	11-21	• •	.3		-6	• 3	1.0	4.4	3.4	.0		13.3	
	22* 101 %	5.9	.: 2.8	•.0	-1 3-3	2.9	7.	32.1	19.7	.c	1.6	46.7	
,	OT CPS												4945
	101 PC1	6.5	3.5	5.1	4-2	3.4	8.7	35.7	21.9	.c	10-e	100.0	

\*AT

PERIOD: (PRIMARY) 1953-1979 (OVER-ALL) 1861-1979

TABLE 10

APEA DOOT ACAPULCO SOLTH

#### ERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH 24/8) AND

HCUP (G#1)											TOTAL	NH (5/8 4ky hgt	
00683	.•	-1	- 3	1.6	3.2	1.4		. 3	.•	1.0	5.3	90.7	1880
C4 E G 7	1.0	.1	••	3.0	4.7	2.2	.,	.5	.4	.7	14.4	25.6	1744

8621 .5 .3 .4 2.3 5.9 2.5 1.5 .5 .4 .9 15.3 84.7 202 101 44 11 39 216 386 173 85 39 30 47 1090 5369 745 PCI .6 .1 .5 2.9 5.2 2.3 1.2 .5 .4 .9 14.6 85.4 100.

TABLE 11 TABLE 12

		PERCENT	FREGUE	C4 4281	(NR)	84 KCU2		CLPULAT					SET ICHI	
HOUR (G#1)	<1/2	1/2<1	1<2	2<5	5(10	10•	TETAL 280	HOUR (GPT)	<150 <5010	<600 <1	<1000 <5	1000-	AH (5/E AND 5+	TCTAL CBS
00103	.0	•	.1	1.3	*.3	89.3	2221	C0103	.4		3.3	7.0	49.7	1786
04609	.2	. 1	•2	.7	11.4	87.2	2167	C+609	1.2	1.8	5.6	10.1	84.3	165C
12615	.2	•	.2	1.5	14.2	43.6	2266	12615	.5	1.6	7.4	13.6	79.0	1736
18551	-1	•2	.3	1-1	12.5	45.4	2556	19521		1.4	•.3	12.0	63.7	1956
TOT PCT	12 •1	•	19 •2	105	1101	7984	923C 100.C	TOT PCT	45	1.4		763 10.7	60C3	7131 100-0

TABLE 15 TABLE 16

PERICO: (FRIMARY) 1953-1979 (OXEP-ALL) 1461-1979

TABLE 17

APE# 0007 ACAPULCO SOUTH

PCI FREE OF SIE TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (MITHOUT PRECIPITATION)
AS AID-SEA TEMPERATURE DIFFERENCE (DEG F)

ASP-SEA		73	77	#1	6.5	8.5	>92	101		* C
IMP DIF	72	76	90	84	6.6	92			rce	FCG
14/16	.0	.0	.0	.0	-1	•	.0		٠.	- 3
11/13	.0	-0	.0		.1	- 1	- 1	23	.0	• 3
9/10	-0	.0	.0		.2	. 3	• •	48	٠.	. 6
7/8	.0	.0	.0	.1	. 3		- 1	44	.0	1.7
6		.0	•	. 1	. 5		-1	155	.0	1.3
5	.0	.0	•		. 9		•	177	•	2.1
	.0	-0	. 3	. 7	1.6	. 9	•	266	.0	3.3
3	.0	-0	. 1		2.1	. 7	.0	250	•	3.6
2	-0		.2	2.3	3.6	. 5	•	538		6.6
1	.0	.0	.2	3.1	3.0	. 1	.0	564	- 1	7.2
č	-0	•	.,	8.3	5.3	. 2	.c	1185	. 1	14.4
-1	.0		. 8	9.0	3.7			1023	-1	12.5
-2	•		1.5	11.0	2.5	•	.c	1223	. 1	14.9
-3	.c	•	1.6	7.1	1.3		.0	125		10.3
	٠.	- 1	2.7	6.4		.0		750		9.7
-5	.0		1.9	3.3	. 3		.c	452	•	5.5
	.c	. i	1.2	1.2		٥.		208	.0	2.6
-7/-6	.0	.2	1.2		-:		.0	117		2.3
-9/-10	.č	.2	-::		i.			61	٥.	
-11/-13	•			- :	3.		.0	15	.c	
-14/-16	.o		•	.0						•
	.;	••				••		•	47	
ICIAL	,	4.8	1057		2184		38		• /	8079
				4367		-06	_	6126		
PCT	•		13.0	53.7	ZE.9	5.C	.5	100-0	. 6	99.4

PERIOD: (CYER-ALL) 1963-1979

TABLE 18

				PC	1 FACC C	F LIND	\$ <b>PEED</b> (	#151 AND DIFE	CTICL V	ERSUS S	E4 #£16	<b>-15</b> (F1)		
											48			
HGT	1-3	4-1C	11-21	22-33	34-47	48.	PCI	1-3	4-10	11-2.	22-33	34-47		PCT
<1	. e	2.0	.0	-0	.c	-0	2.9		1.1	- C	-0	.£	.c	1.5
1-2		2.2	. 3	.5	3.	-0	2.4	-1	. •	-2	-с	• 0	.0	1.1
3-4	-1		.2	. 1	.c	-0	.•	•	- 3	- 1	.0	٠.	.0	. •
5-6	.0	- 1	.1	- 1	.c	-0	. 3	-1	- 1	- 1	.c	٠.	.:	•2
7,	. ^	-0		.5	.c	.0	. 1	.c	•		-6	2-	. c	•
	2.	.0	. 1	.0		.0	. 1	.0	٠.	.0	.c	٠.	٠.	.0
10-11		3.	.c	.č	ž.		.c			.0	•			•
12		2.		.č	Ĭ.c	٥.		.0	3.	3.	.c		2.0	٠¢
13-16				.0	.č		.c	•0						.c
17-19	.0		.ĕ		.č			.0			.č	3.		
20-22			:6	.0	::	·c	.5			ž				
23-25	::	3.	:5		::			: 3:		:č		·		::
26-32	:č	.5		::	::	::	:5	::	3:	::	3.	::	::	ič.
33-4C	.0		.0	.0	::	::	::	::				::	:6	
						.5	.č				::	::		.č
41-48	٠.	٥.	.0	.0	٠.					•с				
***60	-0	٦٠	.c	.0		.c	-9	•6	.0	• C	.0	-0	.c	.0
+1-70	•0	٠.	-0	٠.	٠.	-0	٠.	.0	٠.5	•¢	.0	•0	.c	٠.
71-86	•6	-0	• 7	.0	.c	•9	٠.	.0	٦.	- C	•0		.:	•¢
47-	•0	-5	.0	.5	٦.	.0	٠.5	.0	٠.	٠.	.c	-0	3.	-0
101 PC1	1.4	•.•	.7	-1	3.	•0	7.1		2 - 3	••	•	٠.	.0	3.2
HST	1-3	10	11-21	27-33	34-47	48+	PC1	1-3	4-10	11-21	\$£ 22-33	34-47	44-	PET
(1	1.3		3.			.0			0	3.	2,-,,	34-47	·.c	1.3
1-2	.;	1.7			::		2.1	::	1.3	.3	::			1.6
1-2	.;		::		::	::	1.2		*::	:2			:č	4.5
5-6	-0	::	.;	.0	::		1.3	:6		::				.;
												::		
. 7 .	٥.	•	.2	.0	٠.	- D	• ?	-0	.1	-0	.1		3. 3.	• 1
8-9	٠.	٠.	.1	-1	٠,		-1	-0		٠.	::			•1
10-11	-0	٠.	.c	•	٠.	- 1	-1	•€	-0	٥.		-1	٠.	-1
12	•0	-0	.0	.0	٥.	٠0	• •	-5	.c	٠ç		-0	.0	.0
13-14	•0	٠¢	.0	•0	, ç	.0	٠.	٠.0	.0	•0	٠.	• •	.c	٠.
27-19	3.	٠.	.:	.0	٠.	-0	.0	٠.	-0	-0	.0	-0	٠.	-6
20-22	۰.	.0	.0	.0	٠.	٠.	-0	.0	-6	•0	.c		٦.	٠.
23-25	.0	٠.	.0	.0	. c	.0	.0	ع.	.0	• 0	.0	•€	.c	٠.
26-32	- 00	•0	.0	٠.	٠.	-0	-0	-0	.5	.с	.0	٦.	3.	-c
33-40	.0	٠.	.0	.c	٠.	.0	-0	٥.	٠.	.0	.0	.0	.0	٠.
-1	.0	٠.	.0	.0	٠.	•3	٠٤	•\$	.5			٠.	.c	٠.
49-60	٠.	-0	.0	.0	٠.	.с	.0	.0	٠.	٠.	٠.	-0	.0	3.
61-70	.0	. 5	.0	.0	٠.	.0	٠.	J.	-6	3.	ء.	-:	.c	٠.
71-86	٥.	•€	Ĵ.	.0		.c	.c	.0		. C	.0		.c	٠.٤
87.	.č			.ē	.c	.0	.5	.0	.0		, r			. c
*** ***	-:				- ''	- ;					٠,			

PER100:	COAE	E-4FF1	1963-1	¢79				TABLE 18 ICCNT	1			THEY	15.		(C SCL!+
				ēc	1	F WIND	SPELC	(<15) AND DIRE		EPSUS S	E# #E1G	+15 (F1)			
				5							5.				
HCT	2 - 3	4-10	11-21	22-33	34-47	48.	PCT	1-3	4-10	11-21	22-33	34-47		et I	
(1	.2	. 5	.0	.0		.0	. 7		1.7	•	.0		.c	2 . 3	
1-2	-1	1.0	- 1	- 5	.0	•0	1.2	.5	3.0		.0	·r	.0	3.5	
3-4	•	.5	.1	-c	٠.	-6			. 5	.5	.0	.c	.0	1.6	
5-6	-0		•	.0	٠.	.0	•	.3	- 1	• 2	.0	.c	.c	- 5	
7	.0		.1	.0	. :	.5	. 1	.0	.1			.c	3.	. :	
6-4	.0	.0	.0	.0		3.	.0	.0	.0	. 1		.0	3.	. 1	
10-11	.c	.c	.0	- 1	. 0		- 1	-0	.0		.c	٠.	٠.٤	.:	
12	.0	.6	.0	.0	.0	.0	.0	.0	.0	٠.	.0	٠.			
13-16	.0	.0	. 0	.0	٠.	• C	.0		. c			.0	.0	.0	
17-19	.0	.0	.0	.0	. ć		.0		٥.	3.		7.	i.č	.5	
20-22	.0	3.	.0	.0		3.	. 0		.0	• C	.c			.:	
23-25	٠.	.0	.0	•0		.0	.0		.0	.0		٠,	.c	.0	
24-32	.0	.0	•¢	.0	.c		.0		.0	.0	.0	• •	.5	.0	
33-40	.0			.0	. c	.0	.0		.0		.0			.0	
41-48	.0		.0	.0	. č				ž.	3.			.c		
49-4C	.0		3.	-0		.0				3.	.c			٤.	
61-70	.0	.0	• •	.0					.0	.0	3.		.c		
71-86	.0	٠.	•c	.0	3.							3.			
67*	.0	3.	2.	.5		.c				.0			.c	.c	
TOT PCT		2.0		•1		.c	2.6		5.8	1.2		1.	.c	4.4	
															TOTAL
MST	1-3	4-10	11-21	22-33	34-47	45.	PC1	1-3	4-10	11-21	22-33	34-47	-8-	PCT	PCT
<1	2.0	5.3	- 1	.0	. с		7.4	1.1	5	.0	.0		.c	5.6	
1-2	1.1	12.7	2.6		.c	.0	16.4		9.2	1.6	.c	٠.	.c	11.9	
3-4		5.0	4.0	-1		.0	9.5		2.4	1.9		٠.	.0	٠.٤	
5-6	-0	.3	. 7	-0	. c	.0	1.1	.0	- 2	.7	-c	-5	.c	1.0	
7	-0	-1	• 2	•		٠.0	. 4	.0	•	•	•	.e	- C	- 1	
8-4	.0	-0	.0	-0	٠.	.5	.0		.1	- 1	٠.5	.0	٠.	-2	
10-11	.0	.c	-0	.6	.5	.0	.0		.0	.0	3.			- 6	
12	.0	-0		-0	.:	.0	.0		.0	·ċ	.0		.0	.0	
13-16	2.	.0		-0	٠.	.0			٥.	. 1	-0		.0	. 1	
17-19	-0	-1	.0	-0	٦.	- c	.:	.0	-¢			- 0	.0		
20-22		.0	.č	٥.	. č	.0				3.		.č		3.	
23-25	.0	.0	.0	.0		.0	.0		.0	.0	.0	.0		.0	
24-32			.0			.c	.0		,c	3.	.c		.c	. c	
33-4C												- 12		3.	
41-48	.c			.5	i.c								.č	٠.	
49-4D									.c				.c	.c	
41-70		.č			::				2.	3.	.0		.:	3.0	
71-86		-6	.0			.5				•6	3.	3.	.c	3.	
47*	.č				:è						::				
101 961	3.4	23.5	7.7			.č	34.6		16.9	4.3				23.4	85.7

经验的证据,这种是一种,我们是一种,我们是一种,我们们们们的,我们们们们的,我们们们的,我们们的一种,我们们的一种,我们也是一种的人,我们们们的一种,我们们们的

	PIND	SPEED	(K:5)	VS SEA	ME IGHT	1583		
+61	C-3	•-10	11-21	22-33	34-47	44+	PCT	161
<1	16.9	16.5	-1	.0	.0	٠.	35.5	
1-2	4.7	31-3	5.4	.0	.c	-0	41.4	
3-4	1.3	10.6	7.4			.0	19.7	
5-6	-2		2.3	. 1	-6		3.5	
7	.0			. 1	.c	.5	1-1	
4-6	• C	- 2	.2		.c	.0	.5	
10-11	.0	.0	-0	.1	-1	- 1	- 3	
12	-6	-0	-0	.0		.0	.0	
13-1e	.c	-0	-1	.0	٠.	.0	- 1	
17-16	-5	- 0	.0	2.	٠.٤	.c	-:	
20-22	.c	.0	.:	.0	.c	.0	-0	
23-25	-0	.0	.0	.c	ع.	-0	-0	
24-37	.0		.c	.0	3.	.c	.0	
33-4C	.0	-0	.0	.0	.0	.c	.0	
41-4F	.0		.0	۰.5	-0		.0	
13-65		-0	٠.	.0	.c	.8	٠.٤	
61-70	٠.	٠.	-¢	.0	.:		-0	
71-46	٠.5	٠.	-0	.0			-0	
87+	-0	-0	٠.	.0	.0	-0	•¢	
								1413
TOT PCT	23.1	60.0	16.2	. 6	-1	• :	105.0	

TABLE 19 PERIOD: (0YER-ALL) 1949-1979 TCTAL P[AN H6T]
3205 7
1676 4
307 4
152 5
61 7
1055 1
4455 3
160.0 7.7 22.2 .2 3.6 .1 1.6 .0 1.5 .0 .0 .0 .0 .0 .0 .0 .0 1.5 .0 1.5 .0 1.5 .0 10.9 6.6 3.D 1.9 1.1 .D 2.9 1899 29.0 4.1 4.7 2.3 1.1 .6 .4 .8 .82 19.0 1.2 1.5 .\* .\* .\* .\* .3 322 5.0 .1 .2 .1 .1 .1 .1 .1 ...... ....... .......... .......... .......... .......... ....... ....... ............. ........ .0

PERIOD: (PRIMARY) 1953-1979 (CYER-ALL) 1983-1979

TAPLE 1

AREA OGOT ACAPULCO SOUTH

PERCENT	FREQUENCY C	F MEATHER	CCCULTERCE	f4 e1	PD DIE	(CTICM	
PRECIPITATION	TYPE				CIMER	BEATHER	PHENOME
HED DIR RATH RAIN DEZL FRZG SHOW G		PCPR AT	FCPA PAST HOUP	THOR LTNG	40	F06 H0	HAZE #

WAD DIR	RAIN	RAIN SHER	DEZL	FRZG PCPN	SHOR	GTHER FRZN PCPN	HAIL	PCPR AT CB TIPE	FCPA PAST HOUP	LING	FOG HQ PCPh	PCPN PAST HR	HAZE	BLUG CUST BLUG SHOW	SIG
N NE E SE S S N N VAI CALP TOT PCT	3.5 7.1 8.8 8.6 6.2 5.0 2.7 3.1 .0	2.1 3.5 3.7 4.4 2.6 1.2 2.0 1.0	1.6 2.6 2.0 2.1 2.7 1.8 1.3	000000000000000000000000000000000000000	.00000000000000000000000000000000000000	.00	-0	6.6 13.0 14.5 14.5 11.4 8.1 5.4 5.8 .0 2.9	3.4 4.6 7 5.9 4.8 4.2 3.0 2.3 .0 1.3	6.4 7.3 4.7 4.9 6.0 5.0 3.2 4.0 .0 5.5	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .		.4	.0	83.5 75.3 73.9 74.4 78.0 82.2 87.8 87.2 .C 87.6
TAT ABS.	8216														

TABLE 2

******	ERFOUFACT	DF	MEATHER	OCCURRENCE	HCLR	

				*****	TATIO	TTPE					01468	SEATHER	PHENCI	MERA	
40LR (641)	RAIN	RAIN SHLR		FR 26 PCPN		OTHER FRZN PCPN	HAIL	PCPN AT OB TIPE	PCPN PAST HCUR	THOR LTMG	FOS NO PCPA	FOG WO PCPH PAST HP		SPEAY BLUG SHOW	NC SIG UEA
00603 76609 12645 14621	2.7 5.6 7.4 3.9	1.1 3.0 3.8 2.6	1.1 1.7 1.9 1.0	.0	•0	.0	.0	10.3 13.1 6.8	2.7 4.8 4.6 3.2	12.5 6.4	.1	.0	.6 .5 .5	.1 .0	91.0 72.2 75.8 88.5
107 PC1	4.9	2.4	1.4	.0	٠٥.	•0	•	8.7	3.6	1.1	-1	.0		•	82.2

TABLE 3

## PERCENTAGE FREGUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

#F0 D1#	c-3	#10 #-10	0 SPEE 11-21	55-33 3 D (KF01	(5)  4-47	48+	TOTAL	#C1 #REC	HEAR SPD	ao	03	Cé	C.a HCra	12	15	18	21
A E E E S S S W WA WARD CALF TOT OBS	1.1 .6 1.2 1.1 1.3 1.2 2.5 1.6 .0 6.7	3.6 3.8 6.C 6.2 4.1 5.8 15.4 9.6	.0	252	.1 .2 .2 .1 .1 .0	,0	6704	5.4 5.7 12.1 12.1 7.2 4.1 25.1 14.8 8.7	7.2 8.1 11.2 11.1 8.6 8.6 9.1 8.3 .0	1.5 2.5 8.6 13.5 11.6 16.5 32.5 8.6 .0 4.6 1972	141	27.1 11.4 .C 11.7	10.7 21.1 13.7 .0 e.1	3.7 4.6 19.8 21.7 .0 4.9	12.4 5.4 6.7 17.3 19.2 .C 6.6	5.6 6.2 22.7 17.5 .C 9.3 2231	13.5 .0 4.1

TABLE SA

PEG DIS	0-4		SPEED 17-27	(KNOTS) 28-40	41+	TOTAL CBS	PCT	PEAN SPD	03 02	KOUP C4 C7	16#11 12 15	18 21
N ME E SE S S W M W W WAR CALP TOT GRS	2.8 3.0 3.7 3.7 3.5 4.0 9.4 6.3 .0 8.7	2.4 2.4 5.8 6.3 3.0 4.4 13.7 7.8 .0	-1 -2 1.9 1.7 -5 -5 1.8 -7 -0	.1 .1 .0	.1 .1	£7C <b>&gt;</b>	5.4 5.7 12.1 12.1 7.2 9.1 25.1 14.8 .0 8.7	7.2 0-1 11.2 11.1 0-0 0.6 9.1 8.3 .0 .0	1.6 2.9 8.9 13.4 11.7 16.1 32.0 8.9 .0 5.0 2153	1487	21.4 .0 9.5 2139	5.+ 6.C 14.4 12.6 5.8 6.6 27.7 17.2 .C 8.5 2425 1CC.C
		44 7	7.0	1.3	- 3							

JUNE

PERIOD: (PRIMARY) 1457-1474 (CYER-ALL) 1483-1474

TABLE &

APE# 0007 ACAPLLEC SOL1#

THE PARTY OF THE PROPERTY OF T

PERCENTAGE	FPECUENCY	ÇF	PIND	SPEED	37	HO.	1641)

				SEEd	SPEES .	KNCISI			FCT	1014
►CUR	CALM	1-3	10		55-23		48.	*2.1%	FREC	CES
00403	5.0	10.4	55.1	25.5	3.2	.7	.2	9.2	100.0	2153
04159	11.4	10.2	53.1	22.0	2.3	. 7	. 3	9.2	100.0	1587
12615	9.5	11.4	57.0	18.8	2.0		- 1		100.0	2175
14621	4.9	12.5	\$3.C	21.3	3.4	. 7	- 1		100.0	2.25
101	753	972	4747	1967	253	58	1.	4.5		6764
PCT	4.7	11.2	50.5	21.9	7.9	. 7			100.0	

TABLE 5

.....

P	( i fr[			COLD A		Eighthsi										1.4+ ) 		
						meas.												
WAD DID	C-Z	3	5-7	9 E	ICIAL	CLOLD	\$55	150	300	600	3331	3366	3566	1000	4500	4600+	AL (5/A	TOTAL
				COSCO	CBS	CORES	146	299	519	***	1664	3466	*666	****	7465		170.	CPS
٨.	.•	1.3	2.1	1.4		5.2	.1	•	- 1	. 6	. 5	. 3	- 1	•	•	٠.5	٠.٤	
NE.	.7	1.1	2.5	1.5		5.4	-1	•	- 1	- 5	. 5	.:	- 1	•	•	•	٠.٠	
C	.9	1.6	4.7	4.1		6.0	. 2	- 1		1.5	1.9		.:	.2	-:	- 1	+ . 2	
32	1.2	1.9	4.4	3.0		5.8	.2	.2		1.4	2.0	. 7	. 3	- 1	•			
Š		1.5	2.8	1.9		5.5		•	.2	.,	. 7	. 3	-2		•		4.7	
SH	1.3	1.4		2.1		5.3		•	. 3		1.0		. 2		•	•		
•	5.0	6.3		4.3		4.4	. 3	. 1	• 3	1.5	2.7			. 1	.2		10.5	
AM	3.0	3.4	5.4	2.1		4.5			. 2	. 9	1.4				.1		11.4	
VAR		0		- 0		.0			-0		2.0		٠.	2.				
CALM	1.0	2.6	3.2	1.2		4.5	_		.:		.;						9.6	
101 085	1030	1466	2555	153	6597	5.2	45	30	141	555	752	365	135	51	25	21	4505	456
101 201	15.7	22.2	34.9		100.0	·••	1.5	::	2.1		11.	9.6	2.1				41.2	100-1

TABLE 7

# CUMULATIVE PET FREE OF SIMULTANEOUS OCCUPAÇACE OF CEILING MEIGHT INH MAYER AND WEST INM!

						#587 (*F	1			
	CI	ILISS	I CR	= 60	= c#	: 62	: 54	= 22	: CE	: (*
	t	TEE11	>10	>5	>5	>1	>1/2	>1/4	>50+0	>5
=	0*	36500	.7	.7	.7	.7	.1	.7	.7	.7
1	C#	>5000	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.5
:	CR	>3500	3.2	3.5	3.6	3.4	3.4	3.6	3.6	3-6
:	Ç2	>2000	7.0	7.4	8.1	4.1		8.2	8.2	4.2
:	CR	>1000	15.9	10.7	14.3	19.4	14.4	19.4	15.4	14.4
:	C#	2006	71.6	26.0	27.4	27.0	27.7	27.8	27.0	27.8
:	C#	>300	22.4	28.0	29.2	29.6	29.6	24.6	74.4	24.4
:	Ç#	>150	72.7	28.4	24.7	30.1	30.3	30.3	30.4	30.4
:	¢=	> D	22.9	28.5	30.3	35.9	32-1	31.7	31.3	31.4
		TOTAL	1511	1955	2051	2090	2105	7110	2116	2173

1014L NU-BER OF 085: 6762

#71 FREC NH 45/8: 68.6

TAPLE 74

#### PERCENTAGE FREE OF LOW CLOUDS (EIGHTHS)

C 1 2 3 4 5 6 7 8 085C 085

\_Lef

P[#]CD: (PE]PART: 1953-1979 (CVEP-ALL: 1862-1979

TABLE .

AREA CCG7 SCAPULCC SCLTP 15.7h 98.9h 

507		*	a.E	E	SE	\$	Sw	•	**	A15	CALP	*61	TOTAL
443												_	203
	PCP	.c	•	•	. 1	•	.0	. 1	•		.5	• 2	
1/2	NC PCP	-0	:	:	-1	•	.0	•	.0	٠.		-1	
	TCT &	.0	•	•	-1	- 1	.0	-1	•	٠.	٠.	••	
	PCP	.c	•	•	- 1	•	. 3	•	•	3.	٠.	-2	
1241	NO PCP	.0	:	.1	•		•	•	:			-1	
	101 1	-0	•	- 1	- 1	•	-1	•	•	.c	-6	.3	
	PCP		- 1	- 1	-3	-1	-1	-1	•	٠.		.4	
<2	NO PCP	٠.	•	•	.2	•	•	•	•	٠٤	-0	-2	
	101 3	•	- 1	-1	-2	-1	-:	-1	-3	.0	•	.7	
	PCP	•	. 1		-2	-1	-1		-1	٦.		1.2	
<5	NC PCP	•	.;	-1	-1		-1	-1	-1				
	101 2	•	. 2	٠.	- 3	-2	-2	- 3	-1	٦.	-1	1.3	
	* C *	.2	.:	. 6	. 7		.3			٠.		3.3	
<10	MC PCP	. 3	. •	1.3	1.1	.5	.7	1.5		3.	-5	7.3	
	101 1	-5	.5	1-+	1-6		.*	1-7	1.7	.0	-4	10.6	
	PCP	-1	. 2		-6	-1	-2		.3	-0	-1	3.0	
c.	NO PCP	4.4	4.2	8.6	9.0	5.8	7.6	22.4	13.1	.0	7.6	*3.1	
	101 1		*.*	•.3	1.6	5.4	7.6	23.C	13.4	٠.	7.4	et.7	
	TOT CBS												P20
	TOT PCT	5-5	5.4	11.0	12-1	7.1	1.0	25.4	14.4	.0		100.0	

748LE \*

									TSIEIL		to		
7597 (h=)	500 #15	•	46	ε	SE	\$	56	٠	**	742	CALP	PCT	TOTAL
,	6-3	.0	.c	•	-5	.0	•		.c	.c	.5		,
<1/2	4-10	.č	•••	:	••	••		:		.5	••	-1	
1112	11-21	:5		٠.	:	:	::	•	- :	::		-:	
	22.	Ë		•••	.ī	:	::	:		::		.2	
	101 1		•		::	-1	•	-1	:		٠.	.:	
	C-3	.:	.:	.с	.0	.c	ء.	.0	٦.	.5	э.	٠.	
1/2(1	9-15	•	٠.	•	•	.0	•	•	•	.:		-1	
	11-21	.0		•	-1	•	•	•	•	.0		-1	
	22+	-0	•	•	•	•	•	٠.	٠٤	-0		-2	
	101 1	•	•	-1	-1	•	-1	•	•	٠:	-c	••	
	C-3	.0	.:	.0			.0	•	•	.c	•	•	
142	4-10	•	•	•	•	•	•	-1	-1	- 6		- 3	
	11-71	•	•	•	-1	•	•	•	•	.0		-2	
	22-	•	•	-1	- 1	-1	•	•	-0	-0		-3	
	TCT &	•	-1	-1	-2	-1	-1	-:	-1	٠.	•	••	
	2-3	.c	•	•	•	-1	•	•	•	-c	-1	-2	
245	15	•	-1	-1	- 1	-1	-1	-3	-1	.5		-7	
	11-21	•	•	-1	-2	-1	- 1	-2	•	.:		-6	
	22-	.3	•	-2	-1	•	•	•	•	.:		-5	
	161 3	•	•2	••	••	-2	-3	.4	-2	.0	-1	2-1	
	C-3	•	-1	-1	-1	-1	•	-1	- 2	.c		1-2	
5<10	4-10	-3	.5	-+	.7		-5	1-0	.7	٠٤		4.6	
	11-71	-1	-2	.*	-7	-3	-3	-1	-3	-6		3.4	
	22.	•	-1	-5	.2	•	-1	•2	•	.0		1-1	
	101 2	-5	•	1.4	1.8		••	1.9	1.2	.0		10-5	
	C-3	1.0	.,,	1.0	1-C	1-1	1-1	2.3	1.7	.c	7.9	17.9	
15+	4-15	3-7	3.2	2-5	5.3	3.6	2.5	14.3		3.		**.*	
	11-21	-1	•5	2.6	2.8	1-1	1.3	5.4	2.0	٠.		27-6	
	55-	•	•	-5	.•	-1	-1	- •	-1	-6		1-5	
	161 5	4-6	• • •	9.2	*.5	4.2	7.7	22.*	13.4	٠.	7.4	45-4	
1	293 101												2111

PERIOD: (PRIMARY) 1953-1979 (OVER-ALL) 1683-1979

TARLE 10

AREA GOO? ACAPULCE SOLTH

#### RCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH 34/8) AND

OCCURRENCE OF NH 45/8 BY HOUR

HOUR (GMT)	000 149	150 299	300 599						4500 7999		TOTAL	RH CE/8 ANY HGT	
00603		. •	1.8	6.1	9.8	4.1	1.7	.7	.3	.6	26.0	74.0	1809
90340	1.7	. 6	2.1	8.5	11.5	5.4	1.8	.8	.4	.1	33.2	66.8	1537
12615	1.1	••	2.6	10.2	13.2	3.7	1.8	· ŧ	.5	. 5	34.8	65.7	1748
14651	. 1	.,	1.6	7.4	9.5	4.5	2.6		. 3	.3	27.9	72.1	1954
tot					769	310				26		4913	7048

TABLE 11

TABLE 12

		PERCENT	FREGUEN	CY VSB1	(NN)	<b>RY HOUP</b>		CUPULAT					VSPY (RM) ),8Y HCLR	
HOUR (GPT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS	HOUR (GPT)	<150 <50YD	<600 <1	<1000 <5	1500+ 4405+	NH (5/8 AND 5+	TOTAL OBS
00603	. 3		.5	1.5	7.7	89.6	2135	00003	.5	3 • C	9.9	17.4	72.7	1728
99330	.6	.6	. 9	1.8	12.4	43.6	2008	06109	1.7	5.0	14.5	20.0	65.6	1477
128.5	. 3		1.0	3.1	14.0	81.2	2149	12015	1.2	447	16.4	19.9	63.7	1690
18621	.5	. 2	.7	1.6	6.3	\$8.6	2433	18621	.,	2.5	11.4	17.9	70.7	1872
101 PCT	39	34	69	179	915 10.5	7489 85.8	8725 100.0	101 PC1	67	25e 3.8	876 13.0	1266 13.7	4620 68.3	6762 100.0

TABLE 13

TABLE 19

	PERC	ENT FR	EQUENC	1 OF 2	ELATIV	E HLM31		Y TEMP				PFRC	ENT FR	ECUENC	Y OF 1	IND 01	RECTIO		EMP	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80~89	90-100	TOTAL OBS	PCT FREQ	N	NE	ε	SE	5	Sw	٠	NE	VAR	CALH
95/99	.0	.0				.0	.0	.0	5	. 1			.0	•0	.0	•	.0	•	.c	
90/94	.0	.0	0	. 3	1.6	1.0	. 2	. 1	218	3.2	.3	.2	. 2	• 2	. 2	. 3	. 9	•6	.0	. 3
85/89	.0	.0		3	4.7	16.4	4.2	. 8	1794	26.3	1.1	1.1	2.2	2.7	1.7	2.8	7.8	4.2	.0	2.6
80/84	.0		0	. 1	2.4	2 3 . 8	27.7	5.0	4031	59.1	3.4	3.3	1	7.0	4.1	4.9	14.8	8.7	.0	5.6
75/79	.0	.0		.0				6.0	741		.6	. 9	2.0	1.7	1.0	1.2	1.6	1.3	.0	. 5
70/74	.0			.0		.0		.5	33	,5	•		. 1	• 1	- 1	. 1	- 1	. 1	.0	
TOTAL	ō		, ,	50				841		100.0				•••						
PCT	•0		; ;	.,	6.8			12.3			5.5	5.5	11.6	11.7	7.1	9.3	25.3	14.8	.0	9.2

TABLE 15

TABLE 16

	PEANS,	EXTREM	ES AND	PERCEN	TILES	0F TE	HP CDE	6 f j 8	Y FOUR		PERC	ENT FRE	GLENCY	OF RELA	TIVE H	P10111	BY HOUR	
HOUR (GHT)	KAX	992	952	50%	51	11	ĸŧĸ	MEAN	TOTAL OBS	HOUR (G#I)	0-29	30-59	60-65	70-79	80-89	40-1CC	PEAN	TOTAL
00£33	95	91	19	84	79	76	70	44.1	2173	00603	.0	. 7	11.4	50.7	28.7	8.4	76	1757
90380	92	87	86	82	78	75	73	62.1	2040	06609	.0	.2	3.5	37.2	44.2	14.8	82	1644
2615	95	86	85	82	76	74	49	81.2	2182	12615	.0	+ 3	2.4	29.0	49.3	18.9	83	1743
18621	97	92	90	85	78	75	72	84.5	2467	18621	.0	1.6	16.9	50.6	23.1	7.6	76	1263
TOT	97	91	8.9	83	78	75	69	83.0	8862	101	0	52	614	2956	2522	863	79	7007

PERIOD: (PRIMARY) 1953-1979 (OVER-ALL) 1883-1979

AREA 0007 ACAPULCO SOUTH TABLE 17

. <b></b>						_						
CI FREG OF	AIR	TE*PERATURE	(DEG	F)	AND	THE	OCCURRENCE	QF	FCJ	(WITHOUT	PRECIPITATION	
		V < 416	-SFA	151		7::01	OTERFORME			•		

AIR-SEA	69	73	77	<b>\$1</b>	85	28	>92	101		wo
THP DIF	72	76	80	14	88	92			FOG	FOG
14/16	.0	.0	.0	•0	٠	.0	•	5	.0	.1
11/13	.0	.0	.0		•	. 1	•	12	.0	• 2
9/10	.0	•C	.0	• 1	• 3	. 1	. 1	24	.0	. 3
7/8	.0	.0	•	•2	• 2	. 4	- 1	72	.0	. 4
	.0	.0		- 1	• • •	.5	• 1	71	.c	. 9
5	.0	.0	•	• 2	7	. 7		125	.0	1.6
	.c	.0	•		1.3	. 9	- 1	201	.c	2.6
3	.0	.0	- 1		1.8	. 7	.0	229	.c	3.0
2	.0	.0	. 1	1.6	3.3	.4	.0	416	.0	5.4
1	.0	.0		2.1	3.6	.1	.0	465	.0	6.1
Ö	.0		. 4	6.6	5.3	. 1	.0	951	.0	12.4
-1	.0	.0		7.1	3.6	. 1	•0	868	•	11.3
- 2	•		1.3		2.0	.0	.0	1125		14.7
- 3	.0	. 1	1.3		1.0	.0	.0	807		10.5
-4	.0	.1	2.9	7.2	.6	.0	.0	824	.0	10.8
-5	.0	.2	2.7		. 3	• 0	.0	535	.0	7.0
-6	.0	.2		1.7	• 1	.č	.c	331	.0	4.3
-7/-8	.0	.7	3.2	1.0		.0	.0	369		4.6
-9/-1C	•	.7	1.2	.2	•0	.c	.0	165	.0	2.2
-11/-13	•	.3	. 2	.1	.0	·č		43	.0	6
-14/-16	•	.1	.0	.0		.0	.0	8	.0	.1
TOTAL	6		1234		1869		31	-	- 6	764C
	•	185		4009		312		7646	•	

PERIOD: (OVER-ALL) 1963-1979

								TAS	LE 18						
				PC	T FREC C	F WIND	SPEED	(KTS) A	ND DIREC	CTION V	ERSUS S	EA HEIG	ihts (FT)	)	
				K.								NE			
HST	1-3	4-10	11-21	22-33	34-47	48*	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCI
(1	.5	.8	.0	-0	•c	•0	1.3		. 3	. 9	•C	•0	•c	.0	1.1
1-2	. 3	2.1	- 1	•0	• 0	.0	2.5		• 2	1.5	•	•0	٠.	.0	1.7
3-4	.c	-6	. 2	•0	.с	.0	. 6		• 1	• 6	• 1	+0	• 0	•0	.8
5-6	٠.	- 1	• ?	•0	• <u>c</u>	.0	. 3		.0	.0	. 3	• 1	•	•0	.3
7 8-9	•0	.0	•0	•0	٠.	.0	•0		.0	•1	•	• 1	•c	•0	-1
10-11	•0		.0	• 0	• C	٠ç	.0		•0	-0	.0	٠0	.0	.c	
12	.0	.0	•0	•0	• c	.0	.0		•0	•0	•0	.0	•c	.0	-0
13-16	.0	•0		•0	٠.	•0	.0		•0	.0	•0	•0	•0	.c	.0
17-19	.0		.0	•0	٠.	•0	•0		.0	.0	•¢	•0	٠.	.0	.0
20-55	.0		.0			.0	.0		.0	•0	.0	•0	٠.0	٠.	-0
23-25	.0	:6	•0	•0	:6		.0		•0	•0	.0	٠.	.0	•0	•••
26-32		:0	.0	.0	::		:0		•0	.0	.0	.0	0.0	.0	••
33-40	.0		•0	•0	::	.5	.0		.0			.0	.0	.0	••
41-48	.0		.0		::	.0	.0		:0		::	.0	.c	:6	• • •
49-60	č		.ŏ	••	:	:0			:0	.č	.0	:0	:6	.0	.0
61-70	.0	•0	.0	•0	.:		.0			.0	.0	.0	.c		. 0
71-86	.0	•0	.0	•0					.0	.0	.0			.;	.0
87+	.0	• 5	.0	.0	.õ					.0			.0	ŏ	.0
TOT PCT	. 6	3.6	. 5	-0			4.9			3.0	.5	.,	.,	.0	4.1
									*-			••			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	\$E 22-33	34-97	48+	PCT
C1	`.?	1.0					1.2		1.3	.9		.0	3.	7.0	1.3
1-2	• 2	2.6	. 9	•0	.c		3.8			2.7		.0	3.	.0	3.9
3-4	.2	,	1.5	.0	.č		2.6			1.2	1.6	.;	ή.		2.9
5-6	.0	• 2	. 0	. 2		.0	1.4			• • 2			.è	.č	1.2
7	.0	•	. 3	.5	.0	.0	.8		.0		. 5	.2	•	.c	. 8
8-9	•0	. C	.1	.2	.c	.0	. 3		•0	.0	.0	.1	.0	.0	- 1
10 11	.0	.0	.0	•2	• C	•0	• 2		.0	.0	- 1	- 1		.0	• 2
12	.0	•0	.0	.1	• C	.0	.1		.0	.0	.0	. 1	.0	.0	-1
136	.0	٠.	• 6	•0	٠.	.0	•0		.0	.0	•0	. 1	. 1	.0	- 1
17-19	•0	-0	•с	•0	•c	.0	.0		.0	-0	•0	.0	•0	.c	-0
20-55	.0	.0	•C	•0	٠.	.0	•0		.0	.0	•0	.0	.0	.0	-0
23-25	.0	•0	•0	-0	٠.	.0	.0		.0	-0	•0	.0	.0	.0	•0
26-32	.0	•0	•0	.0	• C	.0	.0		.0	.0	٠.	.0	.с	.0	•0
33-40	۰۵	•0	• 2	•0	• 0	.0	.0		•0	•0	-0	.0	•0	.0	•0
41-48	•0	•0	•0	•0	٠.	٠٥.	.0		.0	٠0	•0	•0	•0	.0	-0 -C
49-50	.0	•0	•0	.0	٠.	•0	•0		•0	.0	•0	.0	•0	.0	٠c
61-70	•c	•0	•0	.0	٠.	٠.	.0		•0	.0	•0	-0	•0	•0	-0
71-86	٠0	•0	•0	•0	٠.	.0	•0		•0	-0	•0	٠.		.0	•0
87+	.0	•0	.0	-0	. C	.0	.0		.0	.0	•0	.0	. C	.0	.0

FERIOD			1011-1						JUNE							
******	: 1046	×-4[[]	1963-1	.919				TABLE 1	. CONT	)			AREA	15.		.94
				Po	1 PREC 0	F WIND	SPEED	(KTS) A	ND DIREC	CTION V	ERSUS S	EA HEIG	KIS (FI)			
				S								Sw				
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCI		1-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	. 6	1.3	.0	.0	• C	.0	1.9		. 3	1.0	•	.0	.c	.0	1.4	
1-2	. 2	1.9	.5	-0	.0	.0	2.7		. 5	3.5	.4	.0	•0	.0	4.4	
3-4	. 1	.7		.0	. C	•0	1.2		- 1	1.6	• 6	- 1	• 0	.0	2.4	
5-6	.0	• 2	•2	.0	• C	• C	. 3		.0	. 3	. 4	- 1	• 0	.0	. 8	
7	.0	-0	• 1	-1	•	٠.0	• 2		.0	- 1	. 3	•с	•0	.0	. 4	
8-9	.0	•0	.c	.0	• C	.0	.0		.0	.0	•	.c	•c	٠.	•	
10-11	•0	•0	.0	•0	.с	.0	.0		.0	.c	• C	.0	٠,	.0	•0	
12	.0	•0	•0	•0	• 0	•0	.0		Ç	.0	•0	- 1	•0	.0	- 1	
13-16	.0	•0	•0	•0	٠.٤	.0	٠ç		.c	.0	•0	.0	•0	.0	-0	
17-19	.0	•0	.0	•0	• 0	٠.0	.0		.0	.0	4 C	•0	• 6	•0	•¢	
50-55	.0	•0	•0	•0	• ¢	•0	.0		٥.	.0	.0	.0	• C	·c	٠c	
23-25	.0	•0	.0	•0	• 0	.0	.0		•0	.0	•6	.0	• C	.0	.0	
26-32	•0	•0	.0	•0	٠ç	•0	.0		.0	.0	.0	.0	•c	.c	-0	
33-40	.0	•0	.0	•0	• 0	•0	.0		.0	.0	•0	.0	• C	.0	.0	
41-48	.0	•0	.0	•0	٠.	.0	.0		٠0	•0	•0	•0	٠Ç	.0	.0	
61-70	•0	•0	.0	•0	• c	٠.	•0		•0	.0	•0	٠.0	•0	٠.	-0	
71-86	.0	•0	٠.	•0	٠,	•0	•0		٠0	.0	, C	•0	٠.	٠.0	-0	
87+	.0	٠.0	.0	٠,	٠,	.0	.0		.0	•0	•0	.0	•¢	.0	•0	
101 PC1	.9	4.1	1.2	•0	.с	.0	6.4		•0	.0	0	.c	٠¢	-ç		
	• • •	***	1.2	•1	•		•.•		.9	6.6	1.7	• 2	-0	.0	9.4	
				¥								NE				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<1	1.0	3.7	• 2	•0	.с	•0	4.0		.7	1.9	•	•0	٠C	.0	2.6	
1-2		9.4	1.5	•0	.0	•0	11.6		. 6	6.0	1.7	.0	٠.٤	.c	8.9	
3-4	.0	4.2	3.8	• 1	• 6	•0	8.1		• 1	2.8	1.5	.0	•0	.0	4.4	
5-6	•	. 9	1.3	.2	•0	•0	2.4		•	.5	. 6	- 1	٠.c	.0	1.3	
7	•0	•2		•0	٠.0	•0	1.0		•0	•	•	.0	٠c	٠.0	- 1	
8-9	•c	•	. 1	•0	٠.	•0	• 1		•0	•	•	.1	•0	٠.	• 1	
10-11	•0	•0	:	•0	•6	•0	•		٠.	.0	:	.0	• €	•0	•	
13-16	.0	.0	.0	•0	٠,	•0	.0		.0	.0	.0	.0	2.	٠c	•c	
17-19	.0	•0	•0	.0	٠.0	۰٥	•0		•0	.0	.0	.0	•0	•0	-0	
20-22	.0	•0	.0	.0	.0	.0	.0		.0	•0	.0	.0	•0	٠.0	•0	
23-25	.0					•0	.0		•0	.0	.0	.ç	• 0	•0	•c	
26-32	.0						.0		•0	•0	•¢	.0	•0	.0	•0	
33-40	.0	.0	.0	•0	.c	•0	•0		•6	• 0	.0	.0	•0	٠č	•0	
41-48	.0	••	•0	.0		.0	.0		•0	•0	.0	•0	•0	•0	٠.	
49-60		:0	•0	.0	::	•0	.0		•0	.0	0.0	.0	.c	٠.	-0	
61-70	.0	:0	:0			:0	.0		.0	.0	.0	.0	3.	.0	.0	
71-85	.0	:0		.0	č	.0			.0		.0			.0	.0	
87+	.ŏ			.0	.č		.0			::			.č	::	č	
101 001		14.3	,,,	• • •	.;	• • •	34.3					• • • • • • • • • • • • • • • • • • • •	••	•=		

THE THE PROPERTY OF THE PROPER

	WIND	SPEED	(KTS)	VS SEA	HE1GH1	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48*	PCT	TOT
(1	13.4	11.5	. 2	.0	.0	.0	25.1	085
1-2	3.7	30.0	5.9	.0	.0	.0	39.7	
3-4	7,7	12.4	9.4	.3		.ŏ	22.6	
5-6	ii	2.4	4.4	. 9	.1	.0	7.4	
7,0		.5	2.0		.;		3.3	
8-9		ij		.;	:6	.0	7.6	
10-11			::	.3		.0	::	
	:0							
12		•0	•0	+2	٠,	.0	•2	
13-16	•0	•0	•0	• 1	.1	.0	•1	
17-19	•0	•0	.0	.0	• C	.0	•0	
20-22	.0	•0	.0	.0	.0	.0	•0	
23-25	.0	•0	.0	.0	.0	.0	•0	
26-32	.0	•0	.0	.0	.0	.0	•0	
33-9C	.0	.0	.0	.0	.0	.0	•0	
91-98	.0	.0		·ŏ	.0	.0	.0	
49-60	.5			.0	.0		:0	
61-7C	•0	•0	•0	.0	•0	•0	•0	
71-86	.0	• 0	٠0	.0	.0	.0	•0	
87+	٠.	•0	.0	.0	.0	.0	•0	
								1682
TOT PCT	17.8	56.8	22.4	2.8	•2	٠.	100.0	

PERIOD: (OVER-ALL) 1949-1979 TABLE 19 PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE PERSOD (SECCHOS) 70TAL 2715 1322 755 339 126 72 797 6126 100.0 6.0 7.1 3.5 1.3 .6 .4 1.0 1224 20.0 .4 .5 .7 .4 .1 .1 .2 141 2.3 14.4 6.8 2.8 1.4 .0 2.0 1731 28.3 .8 1.0 1.2 .5 .1 .2 .9 267 2.2 3.2 2.3 1.1 .2 .3 .7 603 0000000000 .......... . . . . . . . . . . . . .0 .0 .0 .0 .0 .0 .3 . .0 .0 .0 .0 .0 .0 .1 .0.0.0.0 ......... .1 .2 .2 .1 . .0 .0 .5 .2

AREA CODY ACAPULCO SOUTH

A STATE OF THE PROPERTY OF THE

DIDCENT	ERFOLIENCY	CF	LEATHED.	OCCURPENCE	Αv	LIMB	DIRECTION

				PEC IPI	TATIO	N TYPE					CTHER	BEATHER	PHENO	MENA	
END DIR	RAIN	PAIN SHER	CRZL	FRZG PCPN	SNOW	OTHER FRZA PCPA	MAIL	PCPN AT OB TIPE	PCPN PAST HOUP	THOP LTMG	F 0 G W 0 P C P N	FOG WO PCPK PAST HR	SPOKE HAZE	SPRAY BLNG DUST BLNG SNOW	
N.	3.2	1,3	5.3	•0	.0	.0	.0	6.6	2.5	7.6	. 1	.c	. 3	٠.	83.7
NE	5.5	1.9	1.7	•0	.0	.0	.0	9.1	3.2	6.8	•	.0	.0	•	02.1
3	7.3	4.2	1.9	.0	.0	.0	.0	13.2	4.5	7.3	- 1	.0	- 1	.1	75.5
SE	5.8	3.0	1.4	•6	.0	.0	.0	9.8	5.*	6.4	٠.	.c	.5	.c	78.3
5	3 . 7	2.7	1.2	٠.	.0	.0	.1	7.8	3.3	5.8	. 1	.0	. 1	٠.	83.4
Sb	3.5	2.5	1.1	٠č	-0	.0	•	7.3	2.8	6.1	. 3	.0	.6	.0	83.1
4	2.0	. 9	. 7	• 6	.0	.0	.0	3.6	1.5	7.1	- 1	.0	.5	- 3	87.6
NE	1.8	. 7	. 5	.0	.0	.0	-0	2.9	1.1	7.4	.1	.0	. 3	.2	88.5
YAR	• 0	.0	.0	·č	.0	٠Ċ	.0	٠.	.0	.0	.c	.0	.0	.0	•C
CALM	•7	.1	.1	•0	.0	.0	.6	1.4	1.4	7.4	.0	•0	1.2	.c	P6.1
TOT PCT	3.7 8212	1.9	1.1	٠0	•0	•0	•	6.7	2.8	7.2	.1	.0	••	•1	83.3

TABLE 2

## PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOLR

			_												
			•	RECIPI	14110	N TYPE					OTHER	PATHER	PHENG	MENA	
HOUR	RAIN		DRZL	FRZG PCPh	SNOW	OTHER FR2N	HAIL	PCPN AT	PCPN PAST	THOR	FOG	F06 W0	SHOKE		NC
(6-1)		SHER		PCPN		PCPN		OB TIPE	HCUR	LING	MC PCPN	PAST HR	PAZE	BLWG DUST BLWG SNOW	
00603	1.9	1.6	.9	.0	.0	.0	.0	4.3	1.8	1.8		.0			91.8
90330	4.1	2.7	1.4	.0	.0	.0	•	8.0	3.3	19.3	- 1	•0		-1	69.8
12615	6.1	2.3	1.6	.0	.0	.8	.0	10.0	3.7	8.9	• 1	•c	.5	•	77.5
18621	2.8	1.3	. 6	.0	-0	.0	.0	4.8	2.4	.7	• 1	.0	•5	•	91.8
101 PC1 101 085:	3.7	2.0	1.2	.c	•0	.0	•	6.7	2.8	7.5	-1	•0	.•	-1	83.0

## TABLE 3

## PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		LIA	C SPE	ED (K40	151								HOUR	(GPT)			
HND DIR	0-3	4-10	11-21	22-33	34-47	***	TOTAL	PCT	MEAN	00	03	06	6.0	12	15	18	21
							085	FREQ	SPD								
	1.6	5.6	, 9	•	•0	.0		8.1	6.7	2.7	5.4	7.1	4.8	13.8	10-5	9.2	6.5
NE	1.2	4.7	1.3	. 1	•	•		7.2	7.9	3-5	3.2	6.5	8.0	10.3	14.7	7.6	9.9
ε	1.4	7.6	4.7	1.0	• 3	•		15.0	11-1	10.1	10.0	16.2	13.4	17.5	17.4	16.2	17.4
SE	1.5	6.6	3.8		• 2	•		12.9	10.7	16.1	19.5	13.8	17.5	6.3	10.0	12.5	19.1
\$	1.1	3.9	1.4	. 2	•	.0		6.6	8.6	10.5	7.9	( . 3	12.0	3.4	4.2	5.7	6.7
SW	1.3	4.6	3.	. 1	•	.0		6.9	7.4	13.0	4.9	6-1	11.3	3.6	3.2	4.8	6.3
¥	7.3	11.8	3.0	. 1		.0		17.2	7.8	27.5	19.9	17.0	15.2	10.0	11.0	14.9	15.9
N's	2.1	11.6	3.0	. 1	•	.0		16.7	7.8	9.8	15.2	14.5	11.0	21.9	22.0	3.2	20.0
VAR	•0	.0	.0	.с	.0	.0		.0	.c	•0	.0	• C	.0	.0	.0	.c	.0
CALM	9.4							9.4	.c	6.4	10.1	12.5	6.8	11.0	5.8	8.9	3.3
101 085	1903	4923	1645	204	53	4	2732		7.9	1992	158	1948	146	1873	242	2189	184
TOT PCT	21.8	56.4	18.0	2.3	• 6	•		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

## TABLE 3A

		WIND	SPEED	(KNOTS)						HOU	1671	,
NND DIR	0-6	7-16	17-27	28-40	41+	TOTAL	PC1 FREQ	MEAN	C0 C3	C6	12 15	18 21
N	4.1	3.2	.2	•	.c		8-1	6.7	2.9	7.0	13.5	9.0
NE	3.4	3.4	. 3	•	•		7.2	7.9	3.5	6.6	10.8	7.8
E	4.0	7.5	2.1	.5	. 1		15-0	11.1	10.1	16.0	17.6	16.3
SE	4.4	6.4	1.7	. 4	•		12.9	10.7	16.4	14.0	8.5	12.6
Š	3.0	2.9	.,5	. 1	•		6.6	8.6	10.3	6.7	3.5	5.8
ŠW	3.6	2.9	.2	. 1	.0		6.9	7.4	12.7	6.5	3+6	4.9
v	7.9	8.7	.5	•	. 0		17.2	7.8	27.0	16.8	10.2	14.9
Nb	7.5	8.7	.5	•	.0		16.7	7.8	10.2		22.0	20.2
MAR	.0	• 0	.0	.0	, ò		.0	.0	.0	.0		.0
CALP	9.4		• • •		•		9.4	.0	7.1	12.5	10.9	8.4
101 085	-264	3824	525	106	13	47:2	, , ,	7.9	2150	2044	2115	2373
101 PC1	44.4	43.8	6.0	1.2			100.0			100.0		

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JULY

PERIOD: (PRIMARY) 1954-1979 (OVER-ALL) 1902-1979

TABLE 4

AREA COCT ACAPULCE SCLTP 15.7% 98.9%

TABLE 6

Market Agency Committee of the Committee

THE THE PROPERTY OF THE PROPER

[RCENTAGE	FREQUENCY	ÇF	MING	SPEED	ŧ۲	HOUR	(GHT

				#14D	SPEED L	KNOTS			PCT	TOTAL
HOUR	CALM	1-3	4-10	11-21	22-33	34-47	45.	MEAN	FRED	CBS
00003	7.1	11.1	57.0	21.4	2.6	.6		8.5	100.0	2150
06609	12.1	11.2	54.4	18.9	2.4	. 7	. 1	7.9	100.0	2054
12615	10.4	13.5	57.0	16.5	5.0	. 5	•0	7.3	100.0	2115
14621	8.4	13.5	56.6	16.3	2.4	. 6	•	7.8	100.0	2373
101	825	1078	4923	1645	204	5.3		7.9		8732
PCI	9.4	12.3	56.4	10.6	2.1				100.0	

TABLE 5

	PCT FP			CLOUD A		(EIGHTHS)		1					CEILIN					
WNO DI	P C-2				-	PEAN												
#NU D1	- 0-2	3-4	5-7	08200	085	COVER	149	150 299	300 599	999	1900	3499	350C	5000 6499	7999	80000	AH (5/8 ANY HGT	
N_	1.9	1.5				4.7	-1	. 1	-1	.4	.8		. 3	. 1		- 1	4.9	
NE	1.1	1.4	2.7	1.7		5.3	• 1	•	• 2	.6	. 7	. 3	. 2	. 1	•	•	4.6	
Ę	1.3	2.3	6.0	5.0		5.9	• 3	. 1	. 4	1.6	7.1		.5	•	- 1		*.7	
SE	1.0	1.9	5.7	3.6		5.9	• 1	. 1	. 3	1.5	1.0		. 3	. 1	•	. 1	7.4	
S	. 8	1.2	3.1	1.6		5.6	.1	.1	. 1		. 9	. 3	. 1	. 1			4.4	
54	1.1	1.6	2.7	1.5		5.2	• 1	•	. 2	. 3	. 6	. 4	. 2	. 1		- ;	٠.٤	
	4.0	5.1	6.6			4,4	. i	. 1	.2	.7	1.1	. 7	. 3	.1		. 1	14.4	
NW	4.7	4.6	6.2	1.6		4.4	• 1		.1	. 7	1.2	. 6				``	1	
VAR	.c	.0		.0		• 0	.0	٠.	.0	.0	3.5	40	.0	9.	.0	٠.		
CALM	2.5	2.4	3.7	1.1		4.3		•	.1	.3	.7	. 3	-1	•			2.1	
TOT 08:	5 1194	1499			6653		62	35	110	439	663	291	150	36	13	27	4827	6653
TOT PC		22.5			100.0		. •	.5	1.7	6.6	10.0	4.4	2.3	.5	. 2		77.6	100.0

TABLE 2

# CUMULATIVE PCT FREC OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NH )4/8) AND VSBY (NH)

						VSBY (NE	٠,			
	C	EILING	= CR	= 08	= 05	= OR	= 0R	= OR	= CR	: CF
	•	FEETI	>10	>5	>2	>1	21/2	>1/4	>50YC	>0
:	0R	>6500	.,	.7	٠,	.7	. 2	.7	.7	.7
=	0R	>5000	1.1	1.2	1.3	1.3	1.3	1.3	1.3	1.3
:	0R	>3500	3.2	3.5	3.5	3.5	3.5	3.5	3.5	3.5
=	OR	>2000	6.9	7.8	7.9	7.9	7.5	7.9	7.9	7.9
:	0R	>1000	15.1	17.2	17.7	17.4	17.8	17.6	17.8	17.8
:	0R	>600	19.4	23.2	24.1	24.3	24.3	24.3	24.4	24.4
:	OR	>302	20.2	24.5	25.7	25.8	25.9	26.5	26.0	20.0
:	CR	>150	20.6	24.8	26.1	26.3	26.4	26.5	26.5	26.5
:	OR	> 0	20.9	25.5	26.6	27.2	27.3	27.4	27.5	27.5
		TOTAL	14 14	1747	1436	1859	1867	1877	issc	1861

TOTAL NUMBER OF OBS: 6846

是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就

PCT FREG NH 45/8: 72.

TABLE 74

PERCENTAGE FRED OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 0BSCC CORR 8-2 17-9 19-3 15-1 11-3 6-5 6-8 5-6 8-8 -5 7274

PERIOD: (PRIMARY) 19 (OVER-ALL) 19							14	8 3J8				ARE	A COD7 ACAPULCE SOL 15.7N 98.9W	, T Þ
		PÍ	ERCENT		OF WIN								E OF	
VSBY (AM)		•	ME	ε	SE	\$	SW	*	NW	VAP	CALP	PCI	TOTAL CBS	
	PCF	•	•	•	•	.0	•	•	•	.0	•	.2		
<1/2	NC PCP		. c	.0		.0	.0	٠,		•0	.0	•		
	TC1 I	•	•	•	•1	-0	•	•	•	• C	•	• ?		
	PCP	.0		•	•			.0	.0	.0	.0	. 1		
1/2(1	NC PCP	.0	•	•	.0	•0	•	.0	.c	-0	ŋ.	•		
	101 1	.0	•	- 1	•	•	•	.0	.0	·c	.c	- 2		
	PCP	•	. 1	.1	- 1						.c			
	NO PCP	.0	. 6	•	•			•	•	.0	- 0	.1		
	TOT 1	•	.1	- 1	•:	•	•	•	•	.0	.0	.5		
	PCP	• 1	. 1	.3	.2	-1	-1	.1		٠.		1-1		
	NO FCP	•	.1			. 1			. 1	• 0	-1			
	TCT &	-1	. 1	.5	:2	•1	.2	.1	. 1	.0	• 1	1.8		
	PEP	-1	. 2			-1	٠,	.2	.7	.0		2.2		
5<10	NO PCP			1.4	1.3	. 5		. 9	. 7	.0		6.4		
	TOT &	. 5	· t	2.1	1.7	.6	• 6	1.1	1.0	.0	. 4	8.6		
	PCP	. 3	.:	.8	.5	.2	.2	. 3	.2	.0	• 1	2.7		
	NO PEP	7.2	5.9	11.3	10.0	5.5	5.9		15.6	3.	4.7			
	TOT &	7.4	6.2	12.1	10.5	5.7	6.1	16.1	15.8	.c	8.7	88.7		
1	Q1 C85												6178	
				14.0		4 4				•			****	

TABLE 9

							INOLL	•					
									. VS WI		ED		
V591	SPE	N	NE	E	se	s	Su		hu	VAR	CALF	PCT	TOTAL
(54)	KTS			•		•		•	~-	• • • •			280
	9-3	.0	-0	-0	.c	.0	•		.0	.0	•	•	***
<1/2	4-10				.0	.0	٠.		•		-	-1	
	11-21	•	•		``		•	•0	•	.c			
	22.	.0	.0	•	.1		•	•	.0	.0		.;	
	TOT &		•	-1	.;	.0	•	- 1	•	.0	•	.3	
	0-3	.0	٠.0	.0	.0	.0	.0	-0	.0	.0	٠.	.0	
1/2<1	4-10	•	•	•	•	•	.0	.0	•	۰0		. 1	
	11-21	.0	•	•	•	•	•	-0	.0	-0		. 1	
	22.	.0	•0	•	•	•	•	.0	.0	.0		•	
	101 1	•	•	•1	•	•	•	•0	•	.0	٠.	• 5	
	0-3	.0	-0	.0	•	.0	٠.	.0	•	.0	.0	•	
1<2	4-10	•	•	•	•	•	•		•	.0		• 2	
	11-21	•		- 1	.1	•	.0	.0	•	.0		.2	
	22+	.0	.0	• 1	-1	•	•	•	-0	.0		- 1	
	101 1	•	•	•\$	- 1	•	•	•	•	•0	.0	.5	
	0-3	•	•	-0	•	•	•	.0	•	۰.	- 1	.2	
2 < 5	4-10	•	-1	- 1	•1	-1	-1	- 1	•1	٠.		.7	
	11-21	.1	•	• 3	• 5	. 1	- 1	•	•	.0			
	22.	•	•	• 3	• 1	-1	.0	•	•	٠.			
	101 1	.1	.2	.5	. •	. 3	• 2	.2	• 2	.0	.1	2.2	
	0-3	•	- 1	+1	-1	- 1	-1	- 1	-1	.0		1.1	
5<10		•	- 3	•6	-7	.3	. 3	.7	.7	•0		4.0	
	11-21	•1	.3	•	•	-5	- 1	-2	•2	•0		2.5	
	22.	٠,٥	•		. • 3	•	• 1	. :		-0		. • •	
	101 \$	.5	• 6	3.0	1.7	.6	.6	1.0	1.0	•0	••	4.5	
	0-3	1.5	1.1	1.2	1.3	1.0	1.2	2.2	2.1	•0	8.8	20.2	
10+	4-10	5.2	4.2	• • •	5.8	3.4	••2	10.8	10.4	٠¢		51.9	
	11-21	.7	.9	3.5	2.9	1.1	٠.	2.8	2.7	•0		15.3	
	22* 10: %		6.3			5.7	. • 1	15.8	3	• 0		1.3	
	10: 1	7.4	•.3	12.1	10.4	5.7	4.1	12.6	15.6	•0	*.*	• • • • 2	
	101 085			•• -						_			8524
	TOT PCT	4.1	3.2	14.9	12.6	6.7	6.9	17.2	16.8	-0	7.4	100.0	

JULY

PERIOD: (PPIMARY) 1954-1979 (OVER-ALL) 1902-1979

TABLE 10

AREA GOOT ACAPULCE SOLTH

# PERCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH )4/8) AND OCCURRENCE OF NH <5/8 BY MOUR

HOUR (GMT)	149	150 299	300 599						6500 7999		TOTAL	AH KSJA ARY HGT	
COEO3	. •	.6	1.0	5.1	#.C	3.6	1.9	. 4	•2	.6	22.0	78.0	1810
06609	1.4	.4	1.6	7.6	11.4	5.0	1.9	.4	-1	.6	30.4	69.6	1653
12615	1.3	.6	2.4	7.5	10.7	4.5	3.0	.8	.2	.4	31.2	66.9	1706
18621	.7	.4	1.4	5.5	4.4	3.8	2.0	.6	-3	.4	23.3	76.7	1937

TABLE 11 TABLE 12

		PERCENT	FREQUEN	CY VS81	( ERM)	<b>81 ∺0</b> U₽		CCFUCAI					1.07 HCL9	
HCUR (GMT)	<1/2	1/2(1	1<2	2<5	\$<10	10+	TOTAL CBS	#0UR (G#1)	<150 <5010	<600 <1	<1000 <5	1000+	AH (5/8	TCTAL OBS
00563	.3	.2	.4	1.2	6.6	91.4	2130	CCEO3	.4	2.2	#.C	15.2	76.9	1746
06609	.3	•2	.5	2.7	10.0	85.5	2141	C6809	1.4	3.7	4.7	19.2	60.2	1587
12615	. 3	-1		3.1	10.1	45.5	2116	12615	1.4	4.6	13.5	14.3	67.2	1645
18621		•5	.5	1.6		+0.7	2382	18621	. 7	2.7	8.7	15.6	75.7	1868
101 PC1	28 • 3	18 • 2	46	107 2-1	743 0.5	7747	8769 100.0	101 PC1	66 1.C	222 3.2		1178 17.2	4944 72.2	6846 166-6

TABLE 15 TABLE 16

	PEARS,	EXTREM	ES AND	PERCEN	VIILES	OF 1E	*P (CE	C F) B	T HOUR		PEPC	ENT FRE	CLEACT	OF RELA	TIVE H	UP10114	87 HOUF	,
HEUR (GMI)	*41	992	95%	501	51	11	PIN	HEAN	TOTAL	HOLR (GPT)	0-29	30-59	EC-64	70-79	£. #4	4C-1CC	PEAN	TOTAL
20103	95	+2	90	85	80	76	70	44.5	2184	50503	.0	.6	15.4	51.5	27.1	5.3	77	1756
06609	96	8.7	86	82	78	75	70	82.3	2175	06409		-2	3.7	37.C	46.3	12.9	61	1740
12615	94	86	85	82	77	74	71	81.4	2163	12615	٦.	- 3	2.7	31.3	50.7	15.2	92	1693
18621	97	93	90	85	78	75	70	34.8	2407	18421	•с	2.1	17.7	50.5	22.4	7.3	76	1845
101	97	91	89	8.3	78	75	70	23.3	P929	101	C	55	707	3010	2562	712	79	7054

PERIOD: (PRIMARY) 1054-1076 (CVEP-ALL) 1902-1876

TAPLE 17

AFEA OCOT ACAPULCE SOUTH

PCT FREC OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (-) IN-QUI PPECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

	-									
AIP-SEA	69	73	77	81	85		>92	101	•	HC.
TPP DIF	72	76	80	84	38	92			FCG	FOG
14/16	.0	.0	.с	-0	.0	•	.c	1	.c	•
11/13	.c	.0	.0	•	- 1	•	- 1	15	.0	•2
1/10	.c	.0	•	•	•	. 1	.1	24	-0	. 3
7/6	-0	.0	٠.	- 1	• 2	.5	• 2	65	-0	
	.0	.0	-0	- 1	. 3	. 6	. 1	74	.0	1.C
5	-6	.0	٦.	- 1	.5	.7	. 1	125	.c	1.4
	.0			. 4	1.5	. •	•	218	.0	2.8
3	. 0	.0			1.4	. e	-0	235	-0	3.1
3 2 1	.0	•		1.4	4.3	. 6	•	*86	•	6.3
ī		.0		2.0	4.4	. 3	•	517	.0	6.7
õ	.0	-0	.2	6.5	6.1	- 1	.0	947	.0	12.9
-1		.0	. 3	7.6	4.0	- 1	.0	917	•	12.0
-2	•		. 8	11.4	2.4	•	.c	1116	•	14.5
-3	.0	- 1	1.0	8.3	. 9	. c	.0	789	.0	10.3
	.0	.0	2.7	6.8	. 5	•	.0	748	•	10.0
-5	.0	.1	2.5	4.0	. 3	•с	. c	528	•	6.9
-6		-1	2.6	1.2	• 1		. ::	302	•	3.9
-7/-8	.0	.5	2.7	1.0	•		٠.	320	.0	4.2
-9/-10		. 7		-1	•	.¢	.0	131	.0	1.7
-11/-13		. 5	.2	- :	.0		.0	56	.0	. 7
-14/-16			.0	.0		.0	.0	6	.0	- 1
TOTAL	6	••	1068	•••	2002	•••	44			7652
	•	159		3940	••••	361		7660		
PCT	. 1	2.1	13.9		27.2	4.7	.6	100.0	. 1	79.9

PERIOD: (OVER-ALL) 1963-1979

TABLE 18

				PC	T FREC O	F WIND	SPEED 1	KIS) AND DIREC	710N Y	ERSUS S	EA HEIG	HTS (FT)		
											N.E			
HGT	1-3	4-10	11-21	~22-33	34-47	48+	PC1	1-3	4-10	11-21	22-33	34-47	48*	PCT
<1	.5	1.3				٠.۵	1.0	.5		.0	.с	-c	.0	1.0
1-2		3.0	. 2	.0	. c	.0	3.4	•2	2.5	. 3	-0	.c	-0	3.C
3-4	.c	1.2		.0	. c	.0	1.6	.0	1.4	45	.0	.0	.0	1.9
5-6	3.	•	.2	-0	.¢	٠0	.2	-0	- 1	. 3	.0	•0	.0	. •
1	.0	•2	.1	.0	. c	.0	.3	-0	.0	. 1	٠.	•¢	٠.	-1
8-9	•0	.0	٠.	.0	٠.	.0	.0	-0	٠.	•	٠.	٦٠.	•¢	:
10-11	-13	• 0	.0	.0	٦.	.0	.0	.0	.0	.0	.0	.0	٠.	.c
12	٠.	-6	.0	-0	. C	.0	.0	•0	.0	.c	.0	). ?.	.0 .c	:6
13-16	.0	٠C	• 1	٠.	٠.	•0	٠.١	-0	٠.	.0	.0	.0		
17-19	•c	٠.	.:	.0	٠,	.0	.0	.0	.0	3.			.č	:č
20-22	.c	•0	٠.	.0	٥.	٠.	.0	-0	٥.	.0	3.	7.	.č	.č
23-25	.0	• C	-0	.0	٠.	•c	.0	٠.	.c	č		÷	:6	ě
26-32	•0	•0	-0	-0	::	.0	.č	.0		ž.	3.	3.	Ξ.	.c
33-40	.0	٠.	-0	-0	: :	:0		:0	::	:0	.0			
49-46	.0	•0	.o.	.0	::	:0		:5	:5		.0			
41-7C		.0						:5	ž.	ić.	.c	.c		.0
71-86	.0		::			3.						·c	.0	.0
87.		::		.0	: 6	.0						.0	.0	.c
101 PCT	1.0	5.7	.,	3.			7.6	.6	4.6	1.2	.0	.0	.0	4.5
101 -61	***	,.,	• • •	•••		•••				• • •				
				ľ							SE			
HCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48:	PC T
<1	. 6	1.1	-0	•0	• 0	.0	1.7	•	1.1	:	٠.	.0	.c	3.7
1-2	. 6	3.1	1.0	-0	٠.	.0	4.6	•3	2.7	7	-0	3.		3.4
3-4	•	2.3	2.2	- 1	٠¢	-0	• • 7	•1	1.7	1.9	:;	-1	::	1.7
5-6	-1	• 5	1.1	• 2	٠.	.0	1.7	-0			:2	::	3:	1.1
7	.0	-1	.6	- 3	٥.	.0	.9	.0	::		:5	•	::	*::
8-4	-0	.c	-1	:		-0	.2		::	::2	::		::	
10-11	٠.	.c	.c	.1	1.	.0	:1	.0	::		•			•
12	-0	•0	2.	::	::	:6	.3	.0			.1			-1
13-16 17-19	.0	.0	.0	-:	::		::						.c	•0
20-22		3.	:č	:č	::					.c	.0	-0	-0	-0
23-25		::			::			.5		.č	.0	- 2	.c	.c
26-32	.0	3.					.c	.0		, c	.0	.c	.c	.c
33-40	.0	:.		.0	. č	.0	.0	.0	.c	-c	.0	-c	.с	-0
41-48	.0	3.				.0		•0	.0	.0	.5	.0	.0	.0
49-60			.č		. č	.c	.0	.c	.0	.0	.0	٠.	.0	.0
			.0		. č	.0	.0	.0	.0	.с	-0	٠.	.c	٠.
61-70	-0	.0												
61-70	•0	3.	ě			.c	.0	.0	.0	.c	.с	٠.	.0	·c
					3.	o. o.	.0	.0	.0	.0	.0	٦.		
61-70 71-86	•0	.0	.0	-0	٠.	.0	.0							

PER100:	(OVE	-4(1)	1963-1	<b>47</b>				JULY				AREA (	15.7		CG SCUTH
				PC	T FPEG O	FWIND	SPEED	INTS! AND DIRECT	TICK	rEASUS S	EA HEIG	H15 (FT)			
				5							56				
HGT	1-3	4-10	11-21	22-33	34-47	48.	PCI	1-3	4-10	11-21	22-33	34-47	**:	PCT	
4	.5 .3	2.6	•	•0	.c	.0	2.9	•5	2.7	.0	.c	3.	.0	1.6	
1-2 3-4	.0	2.6	.6		.0	.0	- ::	.1		.1		 3.	-0		
5-6		.1	:2	.1	::	.0		**	.;	::	.0		.0		
7,0	.0	::	.;	:2	•••	::		• 0	::	-:		::			
4-9	.0	·č	.1	.0	• =	.0	.1	.0	.1	.c		7.	.0		
10-11	.0	.0	.0	.0	٠č	.0	.0	•0	.0	• 1	.c	٠.	.0	. 1	
12	-0	.0	.0	•	• C	.0	•	•0	.0	• 1	.0	.с	-0	.1	
13-16	.0	.0	.0	-0	-0	.0	.0	•0	.0	•0	.0	.0	٠.	٠٥.	
17-19	.0	.0	.0	•0	٠.	.0	.0	•0	٠c	.0	.0	•0	.0	.0	
20-22	.0	.0	.0	•0	.c	.0	.0	•0	•0	.0	•0	•c	•с	ъс	
23-25	٠c	•0	.0	•0	• C	.0	.0	•0	-0	.0	-C	·c	.0	.c	
26-32	.0	-c	.0	٠0	٠c	.0	٠.	•0	.с	.0	.0	٠.	-c	.c	
33-4C	•0	•0	.0	•0	•¢	-0	•0	••	-0	•0	.c	.c	-0	٠.	
41-48	.¢	.0	.0	•0	•¢	.0	.0	-C	.0	3.	.0	.c 3.	.c	.c	
61-70	.0		.0	.0	J.	.0		.0						.č	
71-86					::			•••			::				
47.			.0	.0		.0							.č	3.	
101 PCT		3.5	1.7				6.2	1.0	4.8		.0	•1	•0	6.7	
											NU				TCTAL
HST	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	39-97	44+	PCT	PCT
CI.	.,	3.0			٠.	.0	4.1	• • •	2.7	•	.0	.0	.c	3.7	-
1-2	.7	7.4	1.1	.0		.0	9.3	.6	7.4	1-3		-0	.0	1.5	
3-4	- 1	2.7	1.0	.0	•¢	.0	3.7	.0	2.2	1.7	.0	•¢	.0	3.*	
5-6	•	.7		-1	• C	.0	1.6	.0	. 2	.7	-0	٠.	•0	. •	
7	.0	.3	• 1	.0	•0	•0	- 3	.0	•	- 1	•0	.0	.0	.1	
8-7	.0	•	.0	-0	۰۲	٠.0	•	-0	- 2	-1		•c	•0	.1	
10-11	.0	-0	•0	.0		-0	.0	•0	.0		.0	•0	.0	.6	
12 13-16	.0	.0	.0	•0	•¢	.0	.0	.0	.0	.0	.0	9.	.c	.c	
17-19	.0	.0		.0		.0		.0		.0	::		.0		
20-22		:0			::		:0	.0	.5			::	::		
23-25	.0		.0		::			.0			.0	::			
26-32	.0			.0			.0						.0		
33-40	.ŏ	3.						.0				.č	.č	.c	
41-48	.5		•0	.0	.č	.0		.0		.c	.0	.c	٠.	.c	
49-4D	-0		.0	.0		.0	.0	•0	.c		.0	.0		.0	
61-70	.c		.0	.0	.c	.0	.0	.0			.0	.0	.0	٠.	
71-86	.0	.0	.0	-0	-¢	.0	.0	•0	.0	.0	.7	.6	٠.	.c	
87*	.0	٠.	.0	-0	-c	.0	.0	•0	-0	•¢	.0	• 6	-0	.0	_
TOT PCT	1.7	14.0	3.3	-1	•C	.0	19.1	1.5	12.9	3.3	•0	.0	.0	17.7	11.3

	WIND	SPEED	(*15)	WS SEA	HEIGHT	(F1)		
HET	0-3	4-10	11-21	22-33	34-47	48-	PC 7	TCT
(1	14.4	11.7	.3		-с	.0	28.5	***
1-2	4.0	30.4	5.5	.0	.c	•	40.1	
3-4		12.3	7.9				20.8	
5-6	.3	2.5	3.7	.5		.c	7 3	
7	.0		1.8	. 6	. 2	.0	3.5	
8-9	.0	.2				0	• • •	
10-11	.0	.0	.2			.9		
12		.0	.1			. 6	. 1	
13-14				.:	.3			
17-19		īč.	i.c					
20-22								
23-2"	•0	•0	.0		-0	. 0	٠.5	
26-32	٠.	.0	-0				.0	
33-4F	••	-0	.0	.0	٦.	٠.	-C	
41-48	.0	.0	.0	.0	.0	۰.	-0	
49-65	.0	.0	.0	-0	٠.	.0	.6	
61-7C	-0	.0	.0	.0	٤.	٠.	٠.	
71-86	.0	-0	.0		.0			
47 *	.0	.0	.0				.0	
		• • •				• • • • • • • • • • • • • • • • • • • •	- •	1754
TOT PCT	19.1	58.1	20.1	2.0	.7	.0	400.0	

PERI	D: (01	E#-4LL	.1 194	9-1979					TABLE	10											
					PERCEN	1 F6EQ	UENCT OF	-	1E HE16	HT (F)	T) VS	WAVE P	00193	(SECC4	123						
PERIOD (SEC)	<1	1-5	3-4	5-6	7	*-7	10-11	15	13-14	17-19	50-55	23-25	24-32	35-42	*1-*8	49-60	61-70	71-64	<b>\$7</b> •	TOTAL	PEAN HST
₹€	6.1	16.5	14.0	5.2	2.2	.7	. 3	.2	. 1	-1		-0	.0	٠.	.0	٠.	.0	.0	.0	2765	3
6-7	.2	2.7	7.7	7.3	2.5	1.1	. 6	.2	.2		.0	.0	.0	.0	.0	.0	.0	.c	.0	1378	•
4-4	.1		3.3	3.4	1.6	1.2	.5	.2	-1	- 1		•	.0	.0	.c	-0	.0		.0	708	5
10-11		. 7	1.1	1.2	.,	.4	.2	-2	• 2	.1	.c	.0	.0			.0	.0	.0		312	ŧ
12-13		.0			. 3	. 2	-1	•	•	•	.c	•	٥.		.0	.0	.0	.0	.0	124	•
>13			.0	. 3	.2	.2	• 1	.0	•	-0	.0	.c	.0		.0		.0	.0	.0	46	7
INDET	4.7	1.5	1.8	1.2		. 3	-1	•	•		.0	.0	.c	.c	.c	٠.	.0	.0	.0	753	2
TOTAL	802 13.2	1348	1750	1155	525	249	117	53	53	29 •5	3	3	ů.	-	0.0		.0	÷.	.0	4008 100.0	•

PERICE: (PRIMARY) 1654-1976 (OVER-ALL) 1600-1976

AREA DEE7 ACAPULCE SOLTH TABLE 1

是一个人,我们也是一个人,我们也是一个人,我们也是一个人,我们也是一个人,我们也是一个人,我们也是一个人,我们也是一个人,我们也会是一个人,我们也会是一个人,他

## PERCENT FREQUENCY OF MEATHER OCCUPRENCE BY WIND MIRECITCH

				RECIPI	14110	M TYPE					CIMES	SEATHER	PHENC	PENA	
PIC DIS	PAIR	RAIR SmbP	CPZL	FRZG PCPN	SHOP	OTHER FRZA PCPA	+AIL	PCPN AT OB TIPE	PCPR PAST HOUP	THOR LING	FOG NO PCTN	FOC NO PCPA PAST HR	HAZE	SPEAY BLMG DUST BLMG SACE	
	2.8	1.5	-6	.c	.0		.0	5.0	1.6	9.4	. 1	.0	.6	.c	*3.8
A.E	3.5	1.7	1.0	.0	.0	.0	.0	5.9	4.2	10.5	.2	.0	. 4	.c	79.C
€	7.5	3.6	1.0	٠٤	.0	.0	- 1	13.2	5.5	6.7	- 1	.0	.1	.1	75.0
SE	6.0	3.4	1.9		.0	.5	.0	11.2	4.4	5.2	. 2	.0			79.3
5	5.0	3.2	2.4	.:	.0	.0	. 4	10.5	3.4	6.5				.c	74.6
Se	5.4	1.5	1.0	.0	٠.	.c	.0	9.1	2.7	6.0		٥.	.5	٠.	62.C
4	2.9	1.4	1.0		.0	.0	•	5.3	1.6	7.1	- 1		. 3	.c	25.5
N to	2.6	1.2	. 6	.0	٠.	.0	•	4.5	1.9	6.6	. 2	.0	.6	. c	86.4
748	.0	.0	٠.	.0	.0	.0	.0	.c	.c	.0		.0		٠.	.с
CALM	•5	1 - 3	- 3	.0	.0	-0	- 3	2.2	1.3	5.8		.c	-*	э.	15.7
TOT PCT TCT CBS:	4.0	2.1	1.2	ء.	•0	-0	.1	7.3	3.0	7.3	•2	• 2		•	<b>82.2</b>

#### TABLE 2

## PERCENT FREQUENCY OF MEATHER OCCUPAENCE BY HOLD

			•	RECIPI	11110	- TYPE					CIHEE	PESTHER	PHENC	rers.	
HOUF 15#11	BAIN	PAIN SHER	DPZL	FRZG PCFM	SHOL	OTHER FRZA PCPN	MAIL	PEPS AT	PCPM PAST HCLP	1409 L145		FOS WO FCPL PAST HR		SPEAY BLUE DUST BLUE SHOW	
00603	1.*	1.3	.7	.0	.с	٠.	.0	4.1	1.7		-1	.0	-2	.c	43.2
CPECA	5.7	2.5	1.4	.0	٠.	-0	-1	9.5	3.3	29.5	- 1	.0	٠.	-1	67.8
12615	5.3	3.1	1-9	.0	.0	3.	.2	11.2	4.0	10-3	. 3	.0	-2		74.7
18621	2.7	1.7	.7	-0	.0	.0	.0	5-1	2.9	. 7	.2	.0	.6	-0	40.4
TOT PCT	4.1	2.1	1.2	.0	.0	٠.	-1	7.3	3-0	7.4	-2	.0	.3	•	42.1

## PERCENTAGE FREQUENCY OF WIND DIRECTION OF SPEED AND BY HOLR

				CO IKNO										(5-1)			
#40 DI9	0-3	4-15	11-21	22-3?	34-47	48.	CBS		SPD	00	03	66	C+	12	15	18	51
	1.7	5.1		- 1	•	٠.		7.6	6.7	3.1	2.2	6.4	٠	12.6	11-6	6.5	F.8
N.E	: -2	5.0	. 9	•	.0	-0		7.2	7.0	3.1	4.7	4.4	4.4	11.6	1.7	7. 2	0.3
ε	1.4	7.3	4.2		-1	.0		14.0	10.4	8.5	10.8	13.0	17.3	17.5	17.4	15.4	15.1
SE	1.4	6.7	3.7	.7	- 1	.0		12.4	10.3	15.9	12.2	12.6	11.3	9.5	9.2	12.9	9.4
5	1.4	4.1	1-1	. 1	•	.0		6.4	7.5	10.7	9.5	6.0	7.7	9.2	3.3	4.3	7.3
Sh	1.2	4.6	1-1	. 1	•	.0		4.9	7.3	12.4	9.1	4.6	4.7	3.1	5.6	4.5	10.5
	2.4	12.6	3.6	- 1	•	.0		14.9	2.6	29.7	22.0	19.6	22.4	16.3	14.6	16.1	15.3
44	2 - 1	11.0	2.4	. 1	•	.0		10-1	7.7	10-5	15.7		16.1			14.5	21.2
ATD	3.		ī.ċ	ء.	-0	.0				.0	.0				.0	. c	.0
CALP	10.0							10.0	. C	6.2		13.8		10.9	8.0	9.6	4.0
tot ces	1978	4850	1561	174	25	C	0593		7.5	1994		1871	146	1825	224	2356	177
TOT PCT	23.0	56.5	18.2	2.5	.2	.0		90.0	•••		100.0						

TABLE :A

				(KNOTS)							16-1	
mag cif	0-6	7-16	17-27	28-40	41+	101AL	PCI	PEAN	CC	Ce	12	18
						CRS	FREC	SPC	£3	64	15	51
	4.5	3-0	•2	•	٠.		7.4	6.7	3.0	6.3	12.7	4.4
NE.	3.9	3-2	- 1	.0	.0		7.2	7.0	3.2	6.9	11.3	*.
E	4.8	6.9	1.9	- 3	•		14.0	10.4	8.6	19-1	17.5	15.6
SE	4.5	4.1	1.7	. 3			12.4	10.3	15.6	12.5	9.5	12.6
5	3.6	2.4	. 3	.1			6.4	7.5	10.6	4.1	4.1	4.3
Š¥	3.6	3.1	• 2	-:			4.5	7.3	12.1		3.3	5.3
	4.4	1.6		.1	.č		10.1	8.6	25.2	19.4	16.7	16.1
NW	7.4	•.2	. •	•			16-1	7.7	10.9	14.3	20.2	18.7
474	-0	.0		-0	٠.		.0	.0	.0	0	.c	٦.
CAL	10.C						10.0		4.8	11.3	12.6	4.4
TOT CBS	4362	3679	479	4.5	2	4591		7.5	2192		2044	2303
TOT PCT	50.6	42.6	5.6	- 4	•		100.0			105.0		

AUGUS I

PERIOC: (PRIMARY) 1954-1979 (OVER-ALL) 1900-1979

TABLE .

AREP CCC7 ACAPLLCC SCLTH

是是是人人的人,就是是在自己的人,也是是一个人的人,也是是一个人的人,也是一个人的人,也是一个人的人,也是一个人的人,也是一个人的人,也是是一个人的人,也是一个

PERCENTAGE FREQUENCY OF WIND SPEED BY HOLP (CHT)

				LIND	SPEED 1	#R0151			PCT	TOTAL
HCUR	CALM	1-3	4-10	11-21	22-33	34-47	48.	PEAN	FREO	ces
00603	6.1	11.3	58.4	21.1	2.2	•2	٠.	8.2	100.0	2142
99390	13.3	11.6	55.0	10.0	1.*	.1	.0	7.3	100.0	2017
12615	10.4	13.3	57.1	16.7	1.9	. •	٠.	7.4	120.0	2049
18621	9.4	15.8	55.7	16.9	2.0	-2	-0	7.2	100.0	2363
101	855	1123	4858	1561	174	25	c	7.5		8591
PCT	10.0	13.1	54.5	18.2	2.0	.2	. 2		100.0	

TABLE 5

TABLE 4

•	PCT FREQ CF TOTAL CLOUD ANOUNT (EISHTHS) BY WIND DIRECTION HEAD															1,8H >		
910 C#8	6-5	3-4	5-7	4 £	TOTAL	CGAES CFOND WERF	000	150 299	300 599	600	1000	20CC 3499	350C	5000	45C0 7999		AH (5/A ARY PGI	
	1.6	2.7	2.0	1.2		4.7	•	•	.1	. 6		. 3	.2		•	•	5.6	
NE	1.2	1.5	2.9	1.5		5.1	•	•	.1	. 6	.7	. 4	. 7	•	•	•	4.4	
E	1.2	2.2	6.4	• . 2		5.4	.7	.1	-5	1.7	2.3		. 3		•	•	4.5	
5€	1.2	2.3	6.0	3.0		5.8	. 2	.1	. 3	1.6	1.9		. 3	. 2	-1	•	7.4	
5		1.2	3.1	1.7		5.6	.1	•	.2		1.0		.2	. 1	•	•	4.3	
Su	. •	1.4	3.1	1.3		5.2	•	•	.2	.5		. 3	.2			•	4.6	
	3.6	5.2	7.4	2.5		4.7	- 1		.2	1.2	1.6	.,	.2	- 1	. 3	. 1	14.5	
NV	4.1	4.5	5.2	2.0		4.3		.1	.2		1.4	. 5	.2	•		•	12.4	
YAR	.0	.0	.c	0		•B	.0		.c	.0				.0		٠.	.c	
CJEM	2.0	3.0	3.2	1.0		4.1		•	•	.;		.2	.;	.1			4.5	
707 085	1155	1550	2679	1278	6662	5.0	44	26	122	541	745	294	114	27	21	18	4710	6662
101 951	17.3	23.3	4C-2		100.0		.;		1.8	8.1	11.2	4.4	1.7		.;	.;	76.7	100.0

TABLE 7

CUMULATIVE	PCT FREG	QF	SIMULTAREOUS	OCCURPENCE
CF CF11.70	KE METERT	- 16	H 34/81 A4D W	SBY (by)

				AZEA IPL	')			
CEILING	: C#	= C#	= 0#	: C#	= 08	: 02	= OR	: CE
(FEET)	>10	>5	>2	>1	>1/2	>1/4	SCTE	3¢
= CR 36500	.5	-6			-6			.6
= CR >5000	.,	1.0	1.0	1.0	1.0	1.0	1.9	1.0
= ca >3500	2.4	2.7	2.8	2.0	2.8	2.8	2.4	2.6
= C# >2000	6.1	6.9	7.1	7.2	7.2	7.2	7-2	7.2
C 08 21000	15.0	17.5	10.C	18.2	18.2	18.2	15.7	18-2
2 CR 3600	20.7	25.7	26.0	26.2	26.3	24.3	26.4	26.4
= 69 >300	21.6	26.7	27.7	28.0	20.1	26.1	28.2	20.2
= OR >150	21.8	27.0	28.0	28.4	28.5	28.5	28-4	28.6
2 CR > 0	72-1	27.5	20.4	29.0	29.1	29.1	29.2	24.2
1014	1519	1884	1960	1990	1994	2000	2005	2008

TOTAL NUMBER OF CBS: 6865

PCT F#EG MM <5/9: 70.

TABLE 74

PERCENTAGE FREG OF LOW CLOUDS (EIGHTHS)

C 1 2 3 4 5 6 7 COSSCC C65

1	ŕ.	٠	4	1

								I U	GLST						
PERIOD: HERIPARY)								14	ecc a				406	# DCO7 15	ACAPLLEC SOLIM
			*(	1. 33 æ		CF LINE								e ce	
	E Y		*	N.E	Œ	S€	\$	54	•	Ab	***	CAL=	PÇI	ICTAL CBS	
•		PCP			- 1	•		•		.c	- 0	.0	. ?	***	
<1	1/2	NC PCP		٠.		•	.0	.0	:		٠.	.0	• 1		
		101 1	•	•	- 1	•	٠.	•	•	•	.0	•¢	.2		
		424	.c		. 1	.0	•		•	.0	.c	.ε	- 1		
1/	/261	NO PER		•:		. 2	-0	.0		č	3.	٠.	•		
•		tet a	3. 3.		-1	.0	•	•	•	.0	•	.0	-1		
		PCP	.0		- 1	. 1	•	•	•	•	٠.	•	.4		
1<	::	NO PEP	.0	•	.:	.:	.0	•	•	•	٠.	٠.	-2		
		101 1	.:	•:	•2	.2	•	•	••	•	•¢	•	٠.		
		PSP	•	•	•2	-2	.1	- 1	. 1	- 1	٠.	•	٠,		
24	(5	SC PCP	•	•	- 1	. 1	.1		.1	•	-0	•	- 5		
		101 1	- 1	- 1	- 3	. 3	.2	-1	• 2	• 1	٠,	•	1.4		
		PCP	- 1	. 2	. 7	. 6	. 3	. 3		. 3	.0	•	2.5		
5<	(10	SC PCP	. •	. "	1.1	1.0	.5	.5	. 6	.7	.с	. •	e . 1		
		ici z	• 5	. 7	1.4	1.6	.•	.7	1.7	1.1	- 5	. •	\$.0		
		PCP	-2	- 1	.7	.5	.3	. 3		. 3	٠.	-1	2.8		
15	•	SC PCF	6.4	e. 1	10.9	10.2	5.4	5.4		14.6	.с		45.4		
		137 1	7.1	!	11.6	10.5	5.6	6.5	17.6	14.4	٠,	9.1	es.7		

,这种是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人, 第一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是

## TARLE 9

							TAPLE	•					
					1 FREC						ED		
VS87	SPD K1S	•	46	ć	sc	s	5=	٠	\¥	440	(ALP	FCI	TOTAL
	0-3	.0	.2	.0	.c	٠.		3.	.0	.0	٠.	٠.	
41/2	9-10	•			•	.0	-0	•				.1	
	11-21	.0	•	- 1		•	•	•	.0				
	22.	•	.0		•	3.	.0	•	-6	.:		- 1	
	107 1	•	•	- 1	-1	•	•	- 1	•	.0	.5	- 3	
	C-3	.c	٠.	ء.		.0	.c	.0	-0	.0	ء.	٠.	
1/2<1	4-10	٠.	.0	•	.3	.0	•		-0	٠.		•	
	11-21	.:	.0	•	٠.	٠.	.2	•	.0	.:		• 1	
	22+	.5	٠.	•	•	•	•	•	-6			-1	
	161 7	.c	٠.	- 3	•	•	•	•	-5	.0	.¢	-2	
	C-3	.0	٠.5	.0	•		٠.	.:		.:	•		
145	4-10	•	•	-1	•	•	.:	•	•	.ε		- 2	
	11-21	٠.	•	- 1	-1	•	•	•	•	.0		- 3	
	22-	.c	•	•	•	٦.	.0	٠.	.0	.0		• 1	
	101 1	•	- 1	•2	•5	•	•	- 2	•	٠.	•	- 1	
	C-3	.c	-0	-0	•	•	•	•	•	٠.	. 1	.:	
245	4-15	-1	•	- 2	- 1	. 1	•	-1	- 1	٦.		٠,	
	11-71	•	•	• 2	-2	- 1	• 1	.:	•	.c		. 7	
	:2-	.:	•	- 1	-1	•	•	•	•	.0		- 3	
	101 1	-1	- 1	••	••	•2	- 1	-2	- 1	-6	-1	1.7	
	E-3	. 1	-1	- 1	-1	- 3	- 3	-1	. 1	.c		1.2	
5<16	4-10	.*	. •	. 7	. 6	- 5	.•	. 7	. 6	.:		•.•	
	11-21	- 1	•2		.6	-2	• 2	- 3	.2	.0		2.6	
	22-	•	•	- 3	-2	-:	•	-1	-1	.5		.7	
	101 2	.5	. 7	1.4	3.6	••	. 7	1.2	1.0	٠.	••	4.0	
	C-3	1.4	1.1	1.	1.3	1.4	7.0	2.3	2.0	.5	4.3	21.4	
10-	9-10	• • •	***	6.5	5.1	3.5	• - 1	12.0	10-1	-с		41.2	
	11-21	- 7	- 4	3-1	7.	-4	- 4	3.1	2.6	-5		14.7	
	22-	•	•	•		. :	•	•	. :	.0		1.5	
	161 2	7.0	<b>6.2</b>	11.4	10.5	5.7	4-E	17.	1#	٠.	٠. :	**.3	
	240 131	_	_							_			8340
1	101 PC1	7.0	7.1	34.1	12-7	1.8	4.5	10.0	16.C	-0	4.3	1CC.C	

AUCUST

PERIOD: (PRIMARY) 1954-1676 107ER-1LL1 1903-1676

TABLE IC

AREA DECT ACAPLLED SELTA

and the state of t

PERCENT	FRECLENCY	cf	CEILING	ME ICHTS	efferies.	>4/11	445

HCLR (GMI)									65.G 7979		TOTAL	AP 45/8 ANT HGT	
50503	. •	.3	1.0	4.6	8.5	3.4	1	• •	.3	.2	22.5	77.1	1677
C4409	.1	-1	2.5	9.4	12.3	•.5	2.:	. 3	-3	.2	32.t	67.4	1412
12615	.•	.•	2.3	10.5	12.4	4.5	1.5	.5	.2	.5	:	65.6	1657
18621	.5	.3	1.5	5.6	٠,٠	3.5	3.5	.:		.?	24.4	75.4	1576
101										3.0			7172

TABLE 12

....

		PERCENT	FFECLEN	C+ +58	r (5+)	87 -CL6	1	ELMEL 8 P					476- 4468 1996- 4468	
#3U# (6=1)	<1/2	1/2<:	1<2	2<5	54.0	10.	TGTAL GPS	#CLR (G~I)	<150 <50*C	GETE G			AH 15/4 AND 51	TOTAL GRS
63503	. 2	-1	. 3	. e	5.*	92.4	2155	50103		:-5		16	76.2	1454
20634	.3	•2		2.2	11.6	e5-2	2043	24604	. •	7.4	14.5	;4.4	45.6	122.
12615	.3	-1	.•	2.t	12.5	82.5	2024	12515	.•	•.2	:4.5	14.2	**.2	1625
18551	.4	.2	-5	1.4	6.7	+G.2	2345	10621	•5	2.4	1.4	16.6	74.6	1414
10T PCT	24 .3	1 <b>-</b> 2	50	1.7	776 9.5	7603 48-2	\$617 100.0	101 251	•5	224		1763	4645 76-6	5465 156.5

149LE 12

TABLE 14

	PERC	CAT FR	CCUENC	· cf #	EL4111	E HEM!		1 1642					(51 /	EELISE		151 61	*****		1-1	
16=> 1	D-29	10-34	40-45	50-59	40-44	70-74	45-44	4D-100	ICTAL	PET		48	•	3.5	,	Sa			18	5 41 e
	-	-				-		•			-		-		-		-		•	
95.199	-0		•	•	- 1	•	•	٠.	11	.2	•	•	.=	•	•			.:	.:	٠.
10/11	.5	-0	•	3	2.5	1-1	- 3	- 1	254	3.6		-2	- 3		-2				٠.٤	
25/44	.5	-0		. 3	6.5	14.2	5.3		2118	32-1	2.5	1.0	2.7	3.3	1.4	2.4	8.5	4.0		2.2
83/84	.0	.0	٠.	-1	2.3	22.5	25.5	3.0	3645	54.4	4.5		2.7	7.2	3.4	3.2	2.7	6.1	ě.	1.3
75/74	.0	.5		.0				4.4	415			. 7	2.0	1.0	7.3				.è	•
70/74	.0	.0	:	0		•	•	. 3	24		•		•	- 1	•		.,	.1		-:
TOTAL	ė	c	Ģ	45	734	2544	2340	639		105.0							•••	•••		-
PCT	.č	•¢	- 1	. 7				1	• • • •		7.7	7.2	19.3	12.4		4 - 6	29.2	:5.5	-5	16.6

TABLE 15

749LE 14

	<b>*{</b> 345.	{ 1 T#E#	ES 430	PEFCE	*****	of 16	PP 101	5 * 2 1	11		7180	C\1 /20	*****	0f 4EL	Tt#6	:::::		•
+0U# (6=1)	~47	***	453	208	51	11	-1-	PEAN	10TFL CPS	PCL8 (5-1)	C-34	10-56	45-64	70-74	4C-6+	46-156	~[44	70146 285
cates		42	•=	85		77	12	44.6	2197	55553	3.	-4	15.2	52.4	25.7	4.5	76	:704
CALCT		**	16	#3	76	75	71	42.5	1574	~4164	-5	- 2	3.4	3+-5	**.2	11-5	9:	1457
12615		• 7		6.2	77	7.		41.5	5034	12615	٠,	- 3	2.7	33.1	41.5	24.5	• 2	1452
14651		• • • • •	45	85	7*	75		43.5	2432	14621	3.	1.7	21.0	46.4	21.4	4-1	75	142-
161	54	•:	6.2	**	74	71	**	33.5	4744	151	C	52	767	3551	2454	6 5 5	74	

PERIOD: (PPIMARY) 1954-1979 (CVER-ALL) 1955-1979

146LE 17

AREA 2007 ACAPL'-LC SGUTH

PC1 FREC 0	of Als	TEMPERATURE ICEC	FI AND THE	CCCLRRENCE	CF FOG	16216061	PRECIPITATIONS
		VS AIR-SEA	TEMPERATURE	C DIFFERENCE	1066	,	

410-524		73	77	e:	85	89	>92	TOT	v	46
THP DIF	72	74	•0	**	41	92			***	FCG
14/16	٠.	.0	.0	.0	.c		.0	2	J	•
11/13	.c	.0	-0	.0	•	-0	.1	ŧ	-0	- 1
9/10	.0		.c		- 1	- 2	-1	23	.0	- 3
7/8			.0	-1	- 2	.5	•2	•	.c	
•		.0		-1	.2	- 5	•	28	.c	- 6
š		.0	•	-1			- 2	150		1.4
	Š				. •	1.0	.1	181		2.4
3	٠.	.5	.1	.,	1.7	. 4	.0	210		2.4
3 2	-c	•	.1	1.2			.c	441	.:	5.9
ī	3.	.0		1	4.5	- 5	.c	484	•	
ō	.c		.2	5.1	6.7	-2	3	921	•	12.2
-1	-5			6.2	5.3			445	•	11.7
-2	-6	•	.,	11.1	3.0	.;		1118	.5	14.5
-3			1.0	7.		٠.	.c	761	•	10.5
••	-:		1.4	7.4		•	.č	748	•	1.1
-5	•	-1	2-2	4.3	.:	-6	·c	525		4.9
	.0		2.3		.1		.0	342	-0	4.5
-7/-4			3.1	1.:	.;			374		5.0
-9/-10			1.2					142	•	2.1
-11/-13	•	.5		•			.č	59	.5	
-19/-16		•						7		•1
-17/-19		:	.e					i	.č	•
TOTAL	Ĭ.	-	***		2217	•••	42	-	14	7504
	•	1+2	768	3724	,	423		7523	••	
	_						-			

PERIOD: (GYER-ALL) 1963-1979

TAPLE 18

PCT FREC OF LINE SPE	CO (#15) AND DIRECTION	REPSUS SEA	** [
----------------------	------------------------	------------	------

											*6			
MGT	1-3	4-10	11-21	22-33	34-47	48-	PCT	1-3	9-15	11-21	22-33	34-47		PET
<1	-1	.7	.1	-c	.c	-0	1.3	•2	1.2	-1	.:	٠.٢	٠.	1.4
1-2	-5	2.5	-2	.0	٠.	.5	3-2	-5	3.0	-4	.c	٦.	•¢	4.6
3-4	-1		- :	.0	-c	ء.	1.1	-1	1-1	.1	•	٠.	٠.	1.8
5-6	.5	•	-1	٠.	-5	-0	-1	.0	•	-2	-1	.:	٠.	•:
7	٦.	••	•	.0	٠.	-0	-3	3.	-1	.0	٠.	٠,	.c	-1
8-9		٦.	-1	.0	.c	.6	.1	.0	-6	•	•	.c	.0	•
13-11	٠.	٠.	- 1	.0	3.	-0	-1	-0	.0	.:	-0	.0	.0	•6
12 13-14	-C	3.	-¢	.0	٦.	.5	.c	-0	٠.	-0	٦.	3:	-5	٠ç
13-14	-5	.0	.0		.5	.0	.6	.0	.0		-0		٠.٤	-6
17-19	.0	٠.	.0		.:	-0	- 6	-6	-0	.c	ء.	.c	٠.	٠.
20-32	.c	٦.	-0	-0 -0	- 5	-c	-5	.:	.0	:5	-5	3.	- C	٠.
23-25	.0		7.	.8	.:	٦.	-5	•0	.c	٠.	ء.	٠.	.c	-0
24-32	.c	.0	ء.	.2	٠٤	.0		.ç	-0	.c	٠.			• • •
11-40	-5	.c	.:		•E	-0		.c	-6	٠.	٠.	٠.	-¢	٠.
-18	-0	٠.	.0	-0	-0	.5	.5	-9	-5	.с	.c	٠.	٠.	-5
44-60		٠.	٦.	.5	• 5			-9	-0	-6	.c	• • •	٠.	• 5
67-70	.c	.0	٠.	.c	-t	-5	-=	.c	-6	٥.	•=	۶.	٦.	٠.
71-46	-=	.c	.0	-c	•:	-5	.0	-0	.5	.0	٠.	•=	٠.	-5
67. 107 PC7	.0	٦٠,	٠.	-6	- 5	-5	 2 3	.9 3	5.3	٦٠,	.0	::	3.	
TOT PCT	1.7	3.4	.•	٠.	.:	٠.5	4.5	.7	3.3	1	-1	-5	-5	7.5
				£							3E 22-33			
#\$T	1 - 2	4-15	11-21	22-33	34-47	***	PC1	1-3	4-1C	:1-21	25-33	34-47	***	PCT
< 1	-5	1.0	•	.:	• 5	-0	1.*	-3	1.4	•	٦.	-6	-c	1.7
1-2	-5	4.1	1.4	-0	-6	-0	.=	•	•-5	1.7	ع.	٠.	٠.	5-8
3-4	٠.	2.6	2-1	-1	٦.	-0	• • •	-1		1.5	-1	-5	٠.	•••
5-4	-0	•	1.9	•2	• 0	-0	2.5	•	-5	1.5	-3	ء.	٠.	2-3
7	.0		-6	. •	٠.	.0	1.5	.0	-1	-2	-5	ء۔	٠.	• •
4-9	.0	-0	-:	- 3	٠.	-0	. •	.0	٠.	- 3	-3	٦.	-0	.5 0. 0.
12-11	.c	-0	-0	-2	- 5	-2	-7	.0		.5	.5	-t	.s	.0
12	.:	٠.	.0	-1	٠.	-0	.1	-0	•=	٠.		.e	٠,	
13-14	-5	-0	.0	-1	٠.	٠.	-1	.0 .5 .0	.c	3. 3.	•		3:	:
27-19	.0	٠.5	::	.0	•	.0	٠.	• • •	-5	3.	3.			
20-22	.0	•\$	-5	-0	٠.	э.	-0	-5	.0			::	• • •	• • •
2 -25	.5	-0	.c	-0	٦.	- 2	3.	•5	٠.	ع.	٠.		٠.	
33-40	-9	٠.	-0	٠.	• •	-6	-5	.0	٠.	-0	-0	.0	٠.	-3
33-00		•0	-¢	-5	٠.	.c	•¢	-5	.c	٠.	٠.	3. 3.	.c	-5
41-48	.e	٦.	-0	-5		-6	٠.	-5	-0	c.	.0			
***45		•€	٠.	•5	٠.	-0	.5	•£	-5				3.	
61-70				-5	٠.	:5		.0		٠.	3. 3.		.E	•€
77-94	-0	••	-0	.s .s	٠.	-5	:5	-5 -0 -0 -0 -0	• 5	-0				• • • • • • • • • • • • •
47+ 161 PCT	-5			-3		-5	17-1	1.0	3.	5-1		3.	3.	15.2

PERIOD:	TOVE	R-ALL )	1963-1	479				TABLE 16 ICCNT	,			4567	15.		CO SOLTH
				•0	I FREC O	F wind	SPEED	(FTS) AND DIRE		ERSUS S	EA HEIG	+15 (F1)			• • •
				5							Sh				
HGT	1-3	4-10	11-21	22-33	34-47	48+	FCT	1-3	4-1C	11-21	22-33	34-47	44.	PCT	
G		1.1	.1			•0	1.7	,		31-11	22-33	34-47	•.6	.8	
1-2	.3	2.2	.;	.0	.č		2.9		2.3	. 3	:5	::	::	2.9	
3-4		.,9			ě	ě	1.5	ii	1.0	- 3	::	·:	:č	1.6	
5-6					č	.0	5	::	3			:è	.č		
7	.0			.1		.0	.2		.č	- ';	•	ò		.ĭ	
E+9	.0		.0		.0	.0		•0		٠Ċ	.0	::	ič		
12-11			.0		č			.0	:č	.0		•		••	
12	.0	ě	.0		č		.0		٥.			ž.	:č	.0	
13-16	.0	.0	.0	.0	ìč		.0			.0	.0	· .		.c	
17-19	.0	.0	.0	•0	.c	.0	.0			.0	.0		·C	.5	
20-22	.0		.0	.0	. c	.č	.0	.0			.č			.č	
21-25	.0	,c	.0	.0	.c	.0	.0		.5		.0				
26-32	.0	.0	• 0	•0		.c	.0		.0			· c	.0	.0	
33-40	.0	.0	.0	.0	.c	•0	.0	·c	.0	.c	.c		ě		
41-48	.0	.0	•0	.0	. c	.0	.0			-c	.c	.0	.0	.0	
49-60	.0	•0	.0	.0	·c	.0	.0	.0		.0	.0	.c	.c		
61-70	.0	•0	• Č	.0		.0	.0	.0	.0	.0	.c	5.	.č	.0	
71-86	.0	٠.	•0	.0	.c	.0	.0	.0	.0	• C	.0	٠.٠	.c	.č	
87+	٠.	.0	•c	•0	٠ć	.0	.0	.0	.0	·C	.0	.0	.c	.0	
TOT PCT	1.2	4.7	1.0	• 1	• 0	•0	6.9	.7	4.2	. 9	.1	•	·c	5.9	
											N.				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-23	34-47	42+	PCI	PCT
<1	.7	2.6	• • • • •	.0	• 6	.0	3.7	• • • • • • • • • • • • • • • • • • • •	1.5		·		.0	2.4	
1-2	. 9	6.5	1.4	.0	.c	.ŏ	8.7	1.0	5.7	.,	.č	:6		7.5	
3-4	.2	2.4	1.5	• 1	. c	.0	4.2	***	1.9	1.2			.0	3.1	
5-6	.0	. 3	.7	.0	• C	.0	1.0	.1	.2	.3	.1	ě	č		
7	.0	- 1	. •	. 3	. 1	.0	. 9	•0	•	.1	.1		, c	. 3	
8-9	•0	•0	. 1	- 1	• 0	.0	• 2	.0	.0	•	• 1	• C	.0	.1	
10-11	.0	.0	.1	- 1	- 1	.0	.2	.0	.0	•	.0	•	.0	•	
12	• 0	. 3	.0	.0	• C	•0	.0	.0	.0	.0	.0	٠.	.c	٠,	
13-16	.0	•0	•0	-0	• C	-0	٠.	.0	•0	•0	."	٠.	.c	.0	
17-19	.0	-0	•0	•0	• C	.0	.0	.0	.0	•с	·	• 0	٠.	.0	
20-22	•С	.0	.0	.0	.0	.0	.0	.0	.0	.c	.0	• C	٠.0	• C	
23-25	•0	-0	•0	.0	•¢	.0	.0	•5	.0	.0	•0	•0	.0	-c	
26-32	•0	-0	.0	•0	•с	.0	.0	.0	.0	.0	.0	.c	•с	-c	
33-40	·c	•0	.0	•0	• C	.0	-0	•0	٥.	.0	.0	٥.	.0	.0	
41-48	•0	•0	.0		. c	.0	.0	.0	•0	•0	3.	•0	.0	٠.	
99-60	. C	•0	.0	•0	• C	•0	.0	•0	.0	.0	.0	٠,	.0	.0	
61-70	.0	•0	• 6	.0	. c	•0	.0	.0	.0	.0	.0	•0	.0	.0	
71-86	• 0	٠0	.с	•0	• C	.0	.0	.0	•0	.0	.0	•¢	.0	.0	
47°	.0	0	€	•0	• C	•0	.0	•C	•0	.0	.0	• 0	.0	.0	
tot PCT	1.8	12.1	4.4	.5	. 1	.0	18.9	1.6	9.3	2.7	• 2	•	.0	14.1	91.5

AUGUST

	WIND	SPEED	(KTS)	VS SEA	HE IGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	P.,	005
(1	12.9	10.6	.5	.0	.0	.0	24.0	•
1-2	5.0	29.8	6.1	. 0	.0	•0	40.9	
3-4	. 9	12.7	8.3		• 0	.0	22.2	
5-6	. 3	2.0	4.9	• 6		.0	7.8	
7	•0		1.6	1.0	. 1	.0	3.0	
8-9	.0	.0	.6	. 7	.0	٠.0	1.3	
10-11	.0	. 0	. 2	. 3	. 1	.0	.5	
12	.0	.0	•0	.1	·c	.0	. 1	
13-16	•0	.0	.0	. 1	.č	. č	. 3	
17-19	•0	•0	.0	. c	٠ć	٠Ċ	.0	
20-22	.0	.0	٠.	.0	.0	.0	.0	
23-25	.0	.0	•0	.0	.0	3.	.c	
26-32	•0	.0	•0	•8	.0	•	,-	
33-4C	•0	-0	.0	.0	.0			
41-48	.0	•0	.0	• 0	.0		-	
49-60	•0		.0	.0	.0			
61-70	.0	• C	.0	.0	•0	٠.		
71-86	•0	.0	•0	.0	.0	.0	J	
67 •	.0	.0	.0	• 6	•0	.0		
								٠,
TOT PCT	19.1	55.6	72.1	3.0	• 2	٠.	100.0	

PERIOD: (OVER-ALL) 1949-1979 TABLE 19 PERCENT FREQUENCY OF WAVE HEIGHT (FT) VS WAVE ... HITD (\* JONOS) 71-86 .0 .0 .0 .0 .0 5-6 5.6 6.8 3.2 1.3 .4 1.5 1171 87+ TOTAL
.0 274C
.0 1382
.0 654
.0 106
.0 106
.0 67
.0 812
.0 6062
.0 100.0 3-4 14-1 7.7 3.0 1.2 .7 .0 2.1 1745 26.8 1.4 2.8 2.0 .9 .3 .4 .8 524 8.6 .8 1.0 .8 .4 .1 .1 .2 244 4.0 .4 .7 .4 .3 .1 .2 131 2.2 .2 .2 .6 .1 .1 .1 .2 . .00.00 .......... 0000000000 .......... .0 ........ ......... .0.0

PERIOD: (PPIMARY) 1953-1979 (OVER-ALL) 1882-1979

TABLE 1

AREA DDD7 ACAPULCC SCLTH

PERCENT FREGUEN	CY OF WEATHER	CCCHBBINCS BY	WIND CIRCCITON

			F	RECIPI	14110	h TYPE					OTHER	<b><i>BEATHER</i></b>	PHENO	MENA	
WND DIR	RAIN	PAIN SHWR	ORYL	FRZG PCPN	540b	OTHER FRZN PCPN	HAIL	PCFN AT OB TIME	PCPN PAST Hour	THOR LTNG	FOG NO PCPN	FOG WO PCPN PAST HR	SMOKE HAZE	SPRAY BLWG OLST BLWG SMOW	
N	5.8	1.3	2.1	.0	.0	.0	.0	4.9	2.6	4.4	. 2	.0	.5	.c	79.7
NE	8.1	3.0	3.0	.0	.0	.0	.0	13.7	6.3	7.2	.с	.0	.1	.c	73.4
E	10.1	4.1	2.9	.0	.0	•0	- 1	16.7	7.3	4.1	.0	.0	.3	.2	70.0
SE	7.2	4.3	2.1	.0	.0	•0	•0	13.6	6.3	5.2	• 2	.0	•		75.C
\$	7.2	3.3	1.7	.c	.0		.1	12.3	7.C	4.2	. 2	.0	.3	.0	76.6
Sh	11.5	6.1	2.5	٠.0	.0	.0		20.C	7.2	4.7		.0	. 1	.c	68.4
	5.6	2.7	2.0	.ė		.0	. 1	10.4	5.3	4.4	- 1	.0		• 1	79.7
Ab	4.3	1.8	1.8	3.			.1	7.6	3.1	6.6	. 3	.0		• C	82.6
VAR	.0	•c	.0	, č	.0			.0	•0	.0	.c	.0	.c		• 0
CALM	1.3	1.5	1.9	.0	•0	•0	•1	5.3	1.5	6.9	- 1	.1	1.2	·c	85.1
TOT PCT TOT OBS:	6.6 7967	3.2	2.2	٠.	•0	-0	•1	11.9	5.2	5.7	•1	•	.3	•	77.1

TABLE 2

#### PERCENT FREQUENCY OF WEATHER OCCUPRENCE BY HOUR

			•	RECIPI	TATIO	N TYPE					OTHER	WEATHER	PHENO	HENA	
HOUP	RAIN	PAIN	DRZL	FRZG	SNOW	OTHER	RATE	PCPN AT	PCPH PAST	THOP	FOG	FOC WO	SHOKE	SPRAY	HO
(GMT)		SHEF		PCPN		FRZN		OB TIME	HOUR	LING	WO.	PCPM	HAZE	BLWG DUST	
						PCPN					PCPM	PAST HR		BERG ZHOR	MEA
00603	5.0	2.4	1.1	.0	.0	·c	.1	8.5	3.8	1.4	. 1	.c		.0	86.2
66239	7.9	3.3	2.8	.0	.0	•0	.2	14.5	6.1	14.2	. 2	.0	.2	• 2	65.6
12615	6.4	4.3	3.1	.0	.0	•0	.1	15.7	6.4	8.0	. 2	. 1		.0	69.9
18121	5.3	2 • 4	1.7	•0	.0	-0	.0	9.2	4.7	.4	- 1	.0	. 3	.c	85.3
TOT PCT	6.6	3.2	2.1	.0	•0	•0	-1	11.9	5.2	5.8	- 1	•	. 3	•	77.1

TABLE S

#### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		WIR	D SPE	ED IKAO	15)								HCUR	(G=1)			
MMD DIP	0-3	4-10	11-21	22-33	34-47	48+	TOTAL	PCT	MEAN	00	03	06	C9	12	15	18	21
							085	FFEQ	SPO								
N	1.2	3.7	.7	.1		.0		5.7	7.1	2.0	1.0	5.3	7.0	10.1	6.0	5.7	7.6
NE	1.0	3.9	1.0	. 1				6.0	7.9	2.3	6.2	5.1	6.8	10.3	7.4	6.3	5.3
E	1.2	6.8	3.7	1.0	. 2	•		12.9	11.0	8.0	7.1	12.7	5.1	15.5	16.2	15.7	12.4
SE	1.2	6.4	3.8	.7	- 1			12.2	10.5	13.4	12.1	13.6	13.9	8.7	9.5	12.9	14.6
s	1.3	4.5	1.4	. 3	•			7.5	2.5	11.9	6.4	7.6	9.2	4.4	4.8	6.5	6.5
56	1.0	5.2	2 - 3	. 3	• 1	•		8.9	9.4	13.0	17.4	8.4	13.3	5.4	6.7	7.5	10.7
h	2.5	13.7	6.0	. \$	. 1	•		23.2	9.5	31.8	29.1	22.3	23.2	18.1	23.6	20.3	21.5
NW	1.7	9.6	3.3	• 2	•	•		14.7	8.4	10.7	13.1	13.6	15.8	18.0	21.5	15.7	16.2
Y.R	.0	.0	.0	٠.	•0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	8.9							8.9	.0	6.2	7.6	11.5	5.7	9.5	4.2	9.4	5.3
101 085	1686	4571	1667	298	41	7	8490		4.5	1917	145	1864	122	1450	236	2186	170
TOT PCT	19.9	53.8	22.2	3.5	• 5	. 1		100.0		100.0	100.0	100.0	100.0	100.0	100.C	100.0	10C.O

## TABLE 3A

		WIND	SPEED	(K',0TS)						HOUS	+ 4G=1	)
WND DIR	0-6	7-16	17-27	28-40	41+	TCTAL	PCT	MEAN	33	Ċŏ	12	14
						085	FREQ	SPD	C3	09	15	21
N	3.1	2.5	.2	.0	•		5.7	7.1	1.9	5.4	9.6	5.6
٩E	3.1	2.5	. 3	- 1	•		6.0	7.9	2.6	5.2	10.0	6.3
ε	4.2	6.4	1.8	.4			12.9	11.0	7.9	12.2	15.6	15.5
SE	4.1	6.2	1.5	. 3	. 1		12.2	10.5	13.3	13.6	1.1	13.0
S	3.6	3.3	.5	- 1	•		7.5	8.5	11.5	7.7	4.4	6.5
Su	3.5	4.3	, ,	.2			8.9	9.6	19.1	8.7	5.5	7.7
¥	8.7	11.9	2.2	. 2			23.2	9.5	31.6	22.3	18.7	20.4
Nh	6.1	7.7					14.7	8.4	10.8	13.7	18.4	15.7
VAR	.0	.0		.0	.0				.0	• 0		.c
CALM	8.9				•••		8.9	iò	6.3	11.2	4.0	9.1
TOT OBS	3651	3810	699	112	18	8490	• • •	8.5	2042	1986	2086	2356
101 PCT	45.4	44.9	4.2	1.3	.,		200.0	.,•		100-0		

SEPTEMBER

PERIOD: (PPIMARY) 1953-1979 (OVER-ALL: 1882-1979

TACLE 4

AREA 0007 ACAPULCO SOLTH

The second of th

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GHT)

				WIND	SPEED (	KNOTSI			PCI	TOTAL
HCUR	CALM	1-3	4-10	11-21	22-33	34-47	45.0	MEAN	FREQ	0#\$
00603	6.3	9.6	56.0	24.1	3.5	.5		9.0	100.0	2062
90330	11.2	9.2	53.3	22.9	2.9	. 4	• 2	4.5	100.0	198€
12615	8.9	11.0	55.7	19.7	3.9	• 2	•с	8.2	100.0	2066
16621	9.1	13.3	50.0	22.3	3.7	.7	. 1	8.4	100.0	2356
101	752	934	4571	1887	298	41	7	5.5		844C
PCT	8.9	11.0	53.8	22.2	3.5	. 5	• 1		100.0	

\*16 5

TABLE &

P	PCT FREQ OF TOTAL CLOUD APOUNT (EIGHTHS) BY WIND DIRECTION												CEILIA NE 657					
						PEAN						•••						
MND DIS	0-2	3-4	5-7	8 6 085CD	TOTAL	CLOUP	500 149	150 299	300 599	60D 999	1000	3459 3459	3500 4999	50C0 6499	65CC 7999	8000+	ARY HGT	
	.7	1.3	2.4	1.2		5.3	.1		. 1	.6	. 7	. 2	. 1		.1		3.7	
NE	.7	1.2	2.3	1.8		5.6	. i		. 2	. 7		. 3	. 2	•	•	٠.	3.5	
£	1.1	1.9	5.2	4.5		6.0	. 3	.2	.5	1.9	2.4	.6	.2	- 1	.1	٠.	6.4	
SE	1.2	2.2	4.4	3.9		5.8	•2	. 1	. 5	1.5	1.9	. 7	. 3	- 1			6.6	
S	.9	1.3	3.C	2.6		5.7	.1	• 1	. 2	. 9	1.2	.5	- 1	- 1	•	•	4.6	
S¥	.8	1.0	3.4	3.6		6.1	•2		.4	1.6	1.5	.6	. 2	•	•	•	4.1	
	3.0	4.9	9.1	6.3		5.5	. 3	. 2	- 5	2.8	3.3	1.1	. 3	- 1	. 1		14.6	
NE	2.3	3.3	5.8	3.1		5.1	-1	•	. 3	1.1	1.7	. 7	. 3	•	•		10.3	
VAR	• C	• C	• 0	.0		•0	.0	.0	.c		. C	.0	.0	•0	.0	٠.	.c	
CALM	2.0	2.4	3.2	1.2		4.5	•	•	.1	. 5	. 9	. 3	.2	.0	.c		6.5	
TOT OES	827	1247	2517	1809	6400	5.5	59	49	190	738	924	323	121	32	23	10	3490	6400
*** ***				34.	100.0				- : :						7.2		70.0	100 0

TABLE 7

CUMULATIVE PCT FREQ	OF	SIPULTANEOUS	OCCURRENCE
OF CETLING HEIGHT	CNE	4 34/83 ALD V	SRY (SP)

					Y NH	,			
(F)	ILING	2 CR	: CR	= CR	: OR /	2 OR	= OR	= OR	: CR
	EE 1)	>10	>5	>2	>1	>1/2	>1/4	>5010	>0
= OR :	>6500	•5	.5	.5	.5	.5	.5	.5	.5
= OR :	>5000	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
= OR ;	>3500	2.6	2.9	2.9	2.9	2.9	2.9	2.9	2.9
= OR 2	2000	6.7	7.9	8.0	8.0	.0	8.0	8.C	8.0
I OR	>1000	17.7	21.5	22.0	22.2	22.3	22.3	22.3	22.4
= OR :	>E 00	25.1	31.9	33.2	33.5	33.6	33.7	33.7	33.8
I OR	>300	26.3	34.2	35.9	36.4	36.6	36.6	36.7	36.8
I OR	>150	26.5	34.7	36.6	37.1	37.3	37.4	37.5	37.5
= OR :	> 0	26.9	35.5	37.7	38.4	34.7	38.8	38.9	39.0
1	TOTAL	1770	2338	2482	2527	2547	2553	2562	2546

TOTAL NUMBER OF OBS: 6582

PCT FREG NH <5/8: 61.0

TABLE 7A

## PERCENTAGE FREG OF LG# CLOUDS (EIGHTHS)

0	1	2	3	•	5	6	7			TOTAL
3.0	12.1	18.6	15.3	11.6	4.3	9.3	7.0	14.0	1.0	7029

SEPTEMBER

STATES OF THE ST

PERIOD: (PRIMARY) 1953-1979		AREA DODY ACAPULCO SOLT
(OVER-ALL) 1#87-1979	TABLE 9	15.7N 98.96
	TION VS OCCURRENCE OR MON-OCC TH VARYING VALUES OF VISIBILIT	
VSBY N NE E SE S	SW W NW VAR CALM	PCT TOTAL CBS
PCP .0 + .1 + + + + + + + + + + + + + + + + +	• .1 • .0 .0 .0 • .0 .0 .0 • .1 • .0 .0	.4 .1 .4
PCP	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	•3 • •3
PCP	.1 .1 .2 .C .0 • • • .0 .0	.7 .1 .8
PCP • .2 .3 .3 .2 2<5 NC PCP • .1 .2 .2 .0 101 1 .1 .1 .5 .5 .3	.4 .3 .1 .0 .1 .1 .2 .1 .0 . .5 .5 .2 .0 .1	2.C 1.C 3.0
PCP .2 .3 .7 .6 .3 5<10 NC PCP .4 .6 1.4 1.1 .9 101 3 .6 .5 2.1 1.7 1.2	.6 .6 .4 .0 .1 1.1 1.6 .8 .0 .4 1.7 2.4 1.2 .0 .5	8-2 12-3
PCP .2 .: .6 .6 .3 10* NC PCP 4.7 4.5 9.3 9.2 5.8 101 2 5.0 4.8 10.0 9.8 6.1	.5 .9 .5 .0 .3 6.0 19.0 12.6 .C 7.7 6.5 19.9 13.1 .C 5.0	78.7 63.1

TOT OBS TOT PCT 5.7 6-1 13-0 12-2 7.6 9-0 23-1 14-6

TABLE 9

7587 (M4)	SPD KTS	N	NE	C	\$£	\$	Sw	•	AW	VAR	CALP	PCT	TOTAL
	0-3	.0	.0	-0	.0	.0	.c		.0	.0	.0		
<1/2	4-10			•		•	•		•	.0		• 1	
	11-21	.0				.0	•		•	.0		•1	
	22.	.0		. 1	•		•	- 1	•	.0		.2	
	TOT 2	.0	•	. i	- 1	. 1	. 1	.1	•	.0	• C	.5	
	0 - 3	-0	.0	.0	.0	.0	.0	.0	-0	.0	.0	.0	
1/241	4 - 10	-0	•	•		.0	•	•	•	• 0		. 1	
	121	٠.	•	•	7	•	.0	•	•	• C		- 1	
	22.	•	•			.0	•	. 1	•	.c		. 1	
		•	•	. 1	••	•	•	- 1	•	•0	• C	.4	
	2-3	.0	.0		.0	c	.0	•	•	•0	•	•	
1 < 2	10		•		•	•	•	. 1	•	.0		. 3	
	11-21	•	•	. 1		•		•	•	•0		. 3	
	22+	•	•	- 1	•	•	•	•	•	.0		-2	
	107 E	•	• 1	•:	- 1	. 1	. 2	- 1	• 1	•0	•	. 9	
	0-3	•	.c	•	•	•	•	•	•	.0	. 1	. 2	
245	4-10	•:	. 2	. 1	• 2	• 1	. 2	•2	.2	•0		1.3	
	11-51	•	• 1	. 3		- 1	. 2	. 3	-1	• C		1.4	
	22*	•	•	• •	•	•	- 1	-1	•	•0		.5	
	ICI 1	-1	. 3	•	6	• 3	. 5	.6	•3	.c	- 1	3.3	
	0-3	-1				••	. 1	.2	. 1	.c	.5	1.4	
4-10	4-10		. 5		.7	.6		1.0	.7	.0		5.5	
	11-51	• 4	• 2		. 6	. 3	. 6	. 9	• •	.0		• . 2	
	22*	•	• 1		• 2	• 1	• 2	. 3		• C	_	1.2	
	101 1	-6	. 9	2.1	1.7	1.2	1.7	2.3	1.3	.0	-5	12.3	
	0-3	1.1		1.1	1.0	1.1	. 9	5.3	1.5	.с	8.C	17.9	
10+	4-10	3.4	3 - 2	5.9	5.5	3.8	4.1	15.3	8.6	٠.		46.7	
	11-51	.5	. 7	2.5	2.8	. 9	1.3	4.7	2.7	•0		16.1	
	22.	•	•	5	• •	. • 1	- 1	5	1	.0		1.8	
	101 1	4.9	4.7	10.0	9.7	5.9	6.5	19.4	12.9	.0	8.0	82.5	
	101 025									_			827
1	TOT PCT	5.6	6.1	13.1	12.2	7.6	9.0	23.1	14.7	•0	8.7	100.0	

SEPTEMBER

PER100: (PRIMARY) 1953-1979 (OVER-ALL) 1882-1979

TABLE 10

APEA GOD? ACAPULCE SOLTH

PERCENT	FREGUENCY	0 F	CEILING	HEIGHTS	IFEET.NH	24/81	AND

HOUR (GPI)	000 149	150 299				20CD 3499					TOTAL	AH CS/S ANY HGT	
00003	1.0		2.1	9.2	11.9	5.0	1.6	•6	.4	. 1	32.5	67-5	1761
06604	2.4	.9	3.3	11.3	16.0	5.2	2.0	.4	.3	.3	42.0	58.0	1527
12615	1.7	.,	3.7	13.8	15.2	5.2	1.9	. 9	•2	-1	43.2	56.8	1692
18821		•6	2.5	10.3	17.8	4.5	1.7	.5	.5	.2	34.5	65.5	1961
101 PC1	99	50 • 7				339 5.0				15	2579 37.8	4252 62.2	6831 105.0

**TABLE 13** 

TABLE 12

		PEPCENT	FREQUEN	C4 4581	(KH)	84 HOUD		CLPILAT					TEN (AM)	
HOUR (GMT)	(1/2	1/2<1	1<5	2<5	5<10	10+	TOTAL OBS	HOUR (GMT)	<150 <50Y0	<600 <1	<1000 <5		AH (5/8 ANG 5+	TCTAL GPS
00003	. 6	•5	.7	2.4	9.1	87.0	2643	00103	1.1	4.2	14.3	19.3	66.4	1703
06609	.6	.4	. 9	4.3	15.0	78.8	2021	60393	2.5	7.1	19.9	24.1	56.0	1460
1261-	.5	. •	1.6	3.8	15.4	78.3	2092	12815	1.7	6.7	22.5	53.0	54.6	1581
18621		•5	.5	2.6	9.8	46.1	2357	18621	1.0	4.6	15.6	50.5	64.3	1836
101 PC1	43 •5	31	77 .9	284 3.3	1041	7037 82.7	8513 100-0	101 PC1	101		1175	1415 21.5	3992 60.7	65#2 100.0

\*\* 5 13

TABLE 1

	PERCENT FREQUENCY OF RELATIVE HUNIDITY BY TEMP											PERC	ENT FR	EQUENC	T OF 6	IND D	RECTIO	h ey 1	EMP	
TEMP F	0-29	30-39	40-49	50-5*	60-69	70-79	80-89	90-100	TOTAL	PCT FREC		NE	ε	se	s	Sh		Nu	VAR	CALP
95/99	.0	.0	.0		.1	•	.0	.0	7	.1	.0	.0	•	•	.c	•	•	•	.0	•
90/94	.0	• 0	•	.2	1.4	.7	.2	•	165	2.5	•2	. 1	. 3	•2	- 1	- 1	.9	. 4	.0	. 3
85/89	.0	.0		. 1	4.0	12.8	3.8	.7	1422	21.5	1.0	1.0	2.2	2.7	1.7	1.6	5.8	3.4	•0	2.2
80/84	•0	.0	.0	.1	2 - 1	21.5	28.8	5.1	3933	59.6	3.7	3.7	7.6	7.2	4.4	4.6	13.7	8.7	.0	5.7
75/79		.0	.0	.0	• 1	.7	6.0	6.8	1032	15.6	. 8	1.3	2.4	2.0	1.4	2.1	3.1	1.6	.0	. 7
70/74	.0	.0	•с	.0	• 0	.0	•	.6	40	.6	-0	. 1	- 1	- 1	• 1	. 1	.2	•	.0	•
65/69	.0	.0	.0	.0	• 0	.0	•0	•	1	•	•	•	.0	٠٥.	-0	.0	.0	.0	-0	٠.0
TOTAL	0	0	2	30	506	2490	2565	1007	6600	100.0										
PCT	.0	.0	•	.5	7.7	37.7	38.9	15.3			5.7	6.1	12.9	12.2	7.6	8.6	23.7	14.3	.0	8.9

TAPLE 15

TABLE 16

	MEANS, EXTREMES AND PERCENTILES OF TEMP LOEG FI BY HOUR										PERC	ENT FAE	GLENCY	OF RELA	TIVE N	U*1011Y	<b>8</b> Y HOU!	•
HOUR (GPT)	MAX	992	952	502	51	11	PIN	MEAN	TOTAL	HOUR (GPT)	0-29	30-59	60-67	70-79	80-89	ec-1cc	MEAN	1CTAL CPS
00603	95	91		84	78	75		#3.4	2089	00103	.0		8.9	47.C	33.4	10.1	79	1692
06609	93	87	85	82	77	75	73	81.6	2051	93340	.0	. 1	3.5	31.9	47.2	17.3	8.2	1652
12615	90	86	84	81	76	74	67	82.7	2131	12515	٠,	-1	2.1	26.2	49.0	22.7		1660
18621	96	92	90	64	77	75	6.8	84.0	2398	:8621	• C	1.1	15.3	45.6	27.1	10.9	7.6	1815
***					**					7.57	•	111		2544	2440	1011		4010

PERIOD: (PRIMARY) 1953-1979 (CVER-ALL) 1867-1979

TABLE 17

AREA 0007 ACAPULCO SOUTH

PCI FREQ	OF AIR								CE OF F		OLT P	RECIPITATION
	AIR-SEA	65	69	73	77	81	55	89	>92	101		WO
	TPP CIF	6.8	72	76	9.0	64	5 6	92			FOG	FOG
	14/16	.5	.c	.0	.c	.0	٠.	٠	٠c	1	•0	•
	11/13	.0	.0	-0	.0	•	•	•	•	6	• •	.1
	9/10	• C	.0	٠,	.c	•	- 1	- 1	. 1	22	• ¢	.3
	7/8	.0	.0	2.	•		• 2		• 1	73	٠ċ	1.0

PERIOD- (CVER-ALL) 1963-1979

......

			•					TABLE	16						
				PC	T FFEC O	F WIND	SPEED	INTS) AND	DIRE	CTION V	ERSUS 3	EA HEIG	HTS (FT	)	
				N.								NE			
HGT	1-3	4-1C	11-51	22-33	34-47	48.	PCT		1-3	4-10	11-21	22-33	34-47	48.	PCI
(1)	•5	. • 9	٠.	٥.	• ¢	.0	1.4		. 6		.0	• 1	.0	.0	1.4
1-2	- 1	1.6	. 3	•0		٠.0	2.2		- 1	5.1	.2	•0	•¢	-6	2.4
3-4 5-6	3,	.9	.3	.0	3.	-0	1.1		- 1		• 2	-1	•č	.0	1.2
3,0	.0	. 2	.:	٠.	3.	.0	-3		.0	- 1		• • •	• 6	•c	.5
e-•	.0	• 0	٠,٠			.0	• 1		.0	.0	-0		). ).	٠,	-1
10-11		3.		.0		3.	.0			.0	.0	.0	•6	.0	٠,٥
10-11	.0		ů:	3.		.0	.0		.0	.0	.0	.0	.0	.0	.0
13-16	3.	3.	ä.	•		:0	••		.0			•	· c		• •
17-19	iù.		ž.	•0	č	.č	.0							.0	.c
20-22	.c	 3.		.0					.ŏ		·:	.č	2.		.c
23-25	.c		· č	.0					.č	.0	è	.0	·.c	.č	
26-32	.0	3.	.0	.č					.c	.0	.0		3.	ě	٥.
33-40	.č	3.	ě	.0			.0				ž.	.č	· c	ě	.0
41-48	.c		٥.	.0	, č	.0	.0				.0	.0	i è		.č
49-60	.0	.c	.0			.0	.0		.0	.0	·c	.č		.c	.c
61-7C	.0	.c		.0		.0	.c		.0	.0	٠.	.0	• • •	.0	
71-86	• 0	٠.	3.	.0		-0			.0	.0	2.	.0		.0	
£7.	.0	.0	.c	٠.	٠.	•0	.0		•0	.0	٠.	.0	٦,	٠č	-0
101 -61		3.6	-6	. 1	.с	·c	5.1		.7	3.8		- 3	٠.	٠ċ	5.6
				_											
461	1-3	4-10	11-21	27-33	34-47	48+	124		1-3	4-10	11-21	5E 22-33	39-47	46.0	PCT
<1		1.1	11-51	*****	3.		1.6		1.3	1.1	11-51	.0			1.5
1-7		2.6		• • • • • • • • • • • • • • • • • • • •	::		3.9			3.3	.7			3.	4.6
3-4	-1	1.4	1.1	•	· c	.0	2.6		.1	1.5	1.4		î.	.č	3.0
5-6		3.3		•2	.1		1.6		ū.	.,	1.3		ĵ.	.c	2.6
7	.5		.2	.3	, c	.0	.,		.0		.5	. 2		.c	.,7
8-0	.0		. 3	.1		.0	. 4		.0	.1	•	•0	. 1	.0	-1
10-11	.0	•0	. 1	• 2	ì.	.0	. 3			.0	. 1	٠Ĉ	•0		. 1
12	٠.0	-C	.0	-0	٠.	.0	.0		-0	•0	.0	.0	• •	-c	•0
13-16	٠.	٠.	.c	٠.	• 5	.0	. C		.0	.0	.0	-0	-6	-c	-c
17-14	.0	٠.	3.	-0	- 1	.0			.c	٠.	.0	-0	٠.	.c	-6
50-55	.0	.c	٠.	.0	٠.	.0	.0		٥.	•0	.0	٠.	٠.	.0	-0
23-25	.c	٠٠	٠.	.0	.c	٠٥.	٠.		.0	-0	-0	-0	.0	.0	.0
26-32	.0	•0	.0	.0	3.	.0	.0		-0	.0	·c	•¢	-0	.0	.0
33-46	-0	.5	.0	.0	٠.	.0	.0		.0	٠.		.0	٠.٢	٠,	٠.
41-48	.0	٠.0	٠٥	.0	٠.	٠.	.0		.0	.0	-0	.c	٠.	.c	.c
44-6C	•€	• • •	• 0	.0	٠.	.0	.c		-0	٠c	.0	.0	-с	٠.	.c
61-70	•0	*6	•0	.0	• €	٠.	.0		-0	٠0	- 0	•¢	٠.٢	•¢	.c
71-86	٠.	.0	• 0	-0	- c	• 0	.0		٠.	.0	• C	.0	•¢	•0	•0
87.	.0	.0	.0	-0	٠.	•¢	٠.		٠.	٥.	•0	٠.	• 6	•0	.0

PEPIOD: (CYEP-ALL)		1963-1	679		SEPIEMBER TABLE 18 (CONT)								A ONCY ACAPULCE SOUTH			
				PC	T FREC C	F SIND	SPEED	(KTS) AND DIRECT	104 1	EPSUS S	E# HETC	+TS (FT)				
				5							Sh					
HGT	1-3	16	11-21	22-33	34-47	48+	PCT		4-10	11-21	25-23	34-47	***	PCT		
£12	•6		.0	•0	.c	•0	1.5	• 2	1.2	• 1	•0		-0	1.5		
1-2 3-4	•	2 - 1	• ?	٠.	٠,	.0	3.1	45	2.9		- 1	•:	.c	3.6		
5-6	- 1	1.	٠,	• 1	• :	.0	2.1	•0		1.1	-1	,r	.0	3.0		
7	.:	- 1	. 3		•¢	•¢	- 5	•0	- 5	٠.	-1	•¢	• C	1.5		
4-9		- 1	.1	:	.c	.0	.3	.0 .c	- 1	• 2	-1	.,	٠.	•		
16-11	.0		.0		.0	.0		.5	• 1	• 1	• 1	.c	٠.	. 3		
12	.č		.0		::		•0	.0	3. 2.	- 1	:	· c	٠.	- 1		
13-16		.0	.0		::	.6	.0	.0	.0	.1			٠.	. 1		
17-19		٥.			::	.0	.0	3.	.0	1.		3.	.¢	٠.		
20-22	ò			3.	::	.c		:č		::		::		3.		
23-25			٥.				·ó		::							
26-32		.: 3:	:	:6	:6		.0		.0	÷.	.0	·				
33-40				.5	.c	.0			.0	.č	.c	.c	.č	:6		
41-46	.č	.č	.č		.č			.č		·	.ŏ	.č		.č		
49-60	.č	3.		.5			.0	::		::						
61-70		iè.		.č	::	.č	.č			3.	.0					
71-96	.c	.č					.0	č			.0	·.		٠.٤		
67+	.č	.č	iè.	.0	5.	.č		.5			.0	è	:č	::		
TOT PCT	1.5	4.7	1.3	• 2	. c	·c	7.7	.;	5.6	2.4	.4	٠.	.č	9.8		
				٠							**				TOTAL	
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-1C	11-21	22-33	34-47		PCT	PCT	
G G		2.9		c		.0	3.9		2.0				.1	2.4		
1-2	1.0	7.3	1.7	.0		.0	10.0	. 3	4.2	1.1	i.		.c	5.6		
3-4	. 1	3.5	2.6				6.3		2.2	1.7			.č	3.5		
5-6	- 1		2.7	. 3	٠.	.0	3.6	.0	. 4		. 1		.0	1.1		
7	٠.	.5	1.0	. 4	٠ċ	.0	1.9	•ċ	•		•	٠.	. c	. 4		
8-9	•0	.0	.2	.2	٠.	.0		.0	.0	•	. 1	•:	- c	. 1		
10-11	٦.	٠.	.c	- 1	٠.:	.0	- 1	.c	.с	- 1	.0	٠.	.0	. 1		
12	•0	٠.	.0	.0	٠.	•C	.0	.c	-0	•C	- 1	2.	.0	- 1		
13-16	.c	٠.	- 1	- C	- 1	•0	. 1	.c	.0	•€	.0	٠.	.0	.0		
17-19	٠.	٠.	.0	-0	.c	.0	.0	•0	.c	.0	-0	•c	٠.	.c		
20-22	•0	٠.	.0	•0	. c	.0	•c	•c	-0	٠.	.0	٠,	-6	.с		
23-25	.0	•C	.0	.0	.0	.0	.0	.0	.0	٠,	٠.	-0	.0	.:		
26-32	.0	٠.	.c	•C	٠.	.c	.0	•0	.0	-C			• C	. 5		
33-4C	-0	.¢	.0	.0	٠.	.0	.0	.0	.0	.0	.0	• C	٠.	.0		
41-48	•0	٠.	.0	•0	• 5	٠.c	-0	.0	-0	-0	.0	٠.	٠.	٠.		
49-60	٠.	٠.	٠.	.0	٠٢.	-0	.5	.0	-¢	•c	· C	•с	-0	٠,		
61-7C	.0	.0	•c	•0	٠.	•0	.0	.0	.0	.0	.c	٠.	•с	. C		
71-86	٠.	٠.	٠,	ي.	• 2	•0	•0	•0	•0	.0	•0	٠¢	٠.	.0		
87.	.0		,.¢	0	٠.	•c		٠,			.c	٠.٢	٠c	. с		
TOT PCT	2.1	14.5	8.3	1.1	- 1	-0	46.3		8.7	4.0	•2	• 5	. 1	13.e	41.E	

	67.40	PAFFO	(#121	A2 25.	HE I CH :	(*:)		
HGT	0-3	4-10	11-21	22-33	34-47	42+	PCT	161 085
(1	13.0	10.9	. 3	.1	. 0	. 1	24.3	083
1-2	4.2	26.1	5.4			.c	35.6	
3-4	. 4	12.3	8.6				21.7	
5-6	.2	3.0	6.9		.1		11.2	
7,0		1.1	2.2			.0	4.5	
8-9			.,7		.;		1.5	
16-11		.6		.;	÷ċ	.0	4:3	
15								
	•0	• 0	• 1	• 1	.0	•c	• 2	
13-1€	•0	.0	• 1	- 1	- 1	.0	• 2	
17-14	•0	• 0	.0	.0	• 1	•0	. 1	
20-22	•0	- 0	٠.	.0	.0	.0	٦.	
23-25	.0	• 0	.0	.0	٠.	-0	.5	
26-32	.0	.0	.0	.0	-0	.0	.c	
33 40	.0	•c	٠.		.0	.0		
41-46	.0	. 0	.0	.0	.0	.0	٠.	
49-66	.0	.0	٥.			.0	.0	
61-75	.0	.0	٠.		• 0			
71-66	.c		.0					
87 -	ě							
<b>V</b> -	•••	••	••		••	•••	••	1762
IOI PCI	17.8	53.7	24.5	3.7	•2	- 1	100.0	

C1 1-2 3-4 5-6
4.7 13.6 14.9 6.1
-1 2.1 8.6 7.7
- -7 3.2 3.7
-0 -5 .8 1.4
-0 -0 -0 .6
5.1 1.2 2.0 1.1
588 105 1786 1244
9.6 18.4 30.2 21.0 #7- TOTAL #EAK #61
-0 25+6 2
-0 1409 5
-0 75t 6
-0 25t 6
-0 132 t
-0 54 8
-0 416 7
-0 5912 4
-0 100.0 .9 1.8 1.3 .6 .2 .1 .2 256 5.0 .5 .9 .6 .3 .3 .1 .2 ...... 2.4 3.6 2.3 1.0 .3 .2 .5 605 0000000000 .......... ......... ......... ...... ....... .0 .2 .3 .1 ... .3 .2 .1 .3 .2 .2 .2 .2 .2 .2 .2 .2 .2 .1 .0 ...

2380133

PERICO: (PPIMARY) 1953-1979 (OVER-ALL) 1872-1979

TABLE 1

AREA DOD7 ACAPULCE SOUTH

TARREST TO THE PROPERTY OF THE

#### PERCENT FREQUENCY OF MEATHER OCCUPRENCE BY WIND DIRECTION

			P	RECIPI	TATIO	TYPE					CIPER	PENTHER	PHENC	MENA	
EVO 015	PAIN	P/IL SHER	CRZL	FRZG PCPN	SHOP	OTHER FRZN PCPL	MAIL	PCPN AT GP TIPE	PCPN PAST HGUR	THOR LING	FGG MO PCPN	FOC WO PCPM PAST MP	SMOKE		
	1.7	. 9	1.8	.0	.0	-0		4.4	1.9	4.2	٠.	-0		.0	89.0
NE	5.9	2.3	1.1	٠.	.0	.0	.0	9.3	3.9	6.0	.c	-0	. 3	-2	40.6
€ .	2.3	2.7	3.0	.0	.0	.c	-0	13.3	4.9	4.1	- 1	.0	• 2	٠.c	77.8
SE	7.9	2.6	2.9	.c	.0	.0	-0	13.2	6.0	4.6	. 1	3.	.5	٠٤	76.5
Š	4.1	2.7	1.8	.0	.0	.0	.0	8.4	4.2	3.9	.0	.0	.0	-0	83.5
Šb	4.8	1.8	1.5	-0	•0	-0	٠.	6.5	3.7	4.2	.0	-c	- 1	3.	94.1
	2.8	1.1		.0	.0	-0	.0	4.7	2.3	3.7	• 2	-0	. 3	•	84.1
A.W	1.7	1.5	1.0	.0	.0	.0	.0	4.1	1.4	3.7	. 3	-0	.4	٠.	ۂ.1
VAP	-0	.0	.0	.0	.0	.с	.0	٠.	.0	.0	٠.	.0	.0	.c	.c
CAL#	.5	.6	- 1	.0	.0	-0	-0	1.2	1.3	4.0	.0	.c	.6	.0	.1.0
107 PCT	3.7	1.6	1.4	.0	•0	.0	•	6.6	2.9	4.3	-1	-0	.;	•	86.C

TABLE ?

#### PERCENT FREQUENCY OF MEATHER OCCURRENCE BY HOLR

				RECIPI	TATIO	N T1PE					CIMES	. SEATHER	PHEND	HERA	
HOUR (GPT)	PAIN	PAIN SHER	DRZŁ	FR2G PCPN	SNOL	CTHER FRZN PCPN	MAIL	PCPN AT OF TIPE	PCPN FAST HCLP	THOR LING	FOG bo PCPh	FOG NO PCPN PAST HR		SP-AY BLMG DLS BLMG SAC	
00663	2.6	. e	.7	.0	.0	-0	.0	*.1	1.0	1.0	.2	.0	.3	-1	52.3
60340	4.8	2.2	1.5	.0	.0	٠.	.0	8.4	4.3	10.5	.2	-6		-1	76.8
12015	5.2	2.4	2.6	.0	.0	.0	. 1	9.9	3-1	4.5	. 1	.0		.0	60.7
18621	2.3	1.4	. 6	.0	•0	.0	. 0	4.4	2.5	• 5	.1	.0	.3	-1	<b>42.5</b>
101 PC1 101 085:	3.6 614D	1.7	1.4	.0	.0	.5	•	6.6	2.9	*.*	• 1	•0	. 3	•	es.s

....

#### PERCENTAGE FREQUENCY OF SIND DIRECTION BY SPEED AND BY HOUR

		WIN	SPE	-	15)								+CUP	15-11			
PMD DIE	0-1			22-32		48.	TOTAL	PCI	#EAR	60	63	96	C.e	12	15	10	21
							CBS	FREC	570								
	1.7	4.5	.6	٠.	.0	.0		6.8	6.2	2.6	2.3	5.3	5.0	12.7	7.0	7.6	5.1
NE.	.9	3.5		. 1	•	.0		5.3	7.3	2.8	4.2	4.6	3.2		6.5	5.7	5.7
E	1.3	5.3	2.5	. t	-1	•			10.2	7.3	4.5	8.7	e.5	13.C		11.6	4.3
SE	1.3	4.1	2.2		- 1	-0		8.8	7.8	•.1	4.4	5.4	9.1	6.5	6.9	10.2	10.3
s	1.0	3.2	.9	. 2	•	.0		5.9	7.7	1.6	9.2	6.1	5.0	3.7	2.1	3. *	5.0
Šb	1.4	5.4	1.1	. 1	•	.0		8.0	7.3	12.4	13.9	*.3	10.3	4.6	5.9	1.2	5
•	3.3	17.C	5.3	• 2	•	.0		26.0	8.2	34.0	31.5	25.4	35-1	17.8	23.6	21.3	30-1
1.6	2.5	12.4	3.3	. 1	•	.0		18.3	7.7	12.4	17.1	17.2	17.9	21.3	3C.5	20.7	21.1
VAR	.0	•с	-0	٠.	.0	.0		-0	-0	.0	.0	٠.	.0	. C	.0		.0
CALM	10.9							10.9	٠.	6.9	1.7	14.0	7.4	12.1	9.2	11.6	5.9
TCT OBS	2043	4795	1409	15 *	24	1	R432		7.3	1945	149	1033	126	1825	217	2261	136
IST PCT	24.2	56.4	16.7	1.6	. 3	•		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

►*O DIR	0-6	#1MD 7-16		(KNC15) 28-40	41.	TOTAL	PCT FREG	MEAN SPD	C3 C3	40US 06 09	16#11 12 15	10 21
	4.7	2.5		.0	٠.		6.8	6.2	2.5	4.1	12.1	7.4
ME	3.1	2.0	. 3	•	•		5.3	7.3	2.9	4.5	8.2	5.7
ŧ	3.9	4.5	1.2	.3	- 1		9.9	10-2	7.1	4.5	12.5	11.4
ŠE	3.4	3.7	1.0	.3				1.6	9.0	9.4	6.5	10-2
š	3.2	2.4	.3	.1	.c		5.9	7.7	8.7	6.7	3.5	5.0
Šw	4.4	3.2	.3				8.0	7.3	12.5	8.4	4.7	4.5
,	11-2	13.5	1.2		•		26.0	8.2	37-5	26.4	14.4	21.0
ÄV	4.5	9.2		•	.L		18.3	7.7	12.0	17.3	22.3	20.0
VAR	.0			.c			.0		.0	٠.	٦.	٠.
CALM	10.7						10.9	.0	7.1	13.6	11.0	11.3
TOT CBS	9960	3453	425	63	11	6932		7.3	2054	1959	2042	2337
107 863		41.0			- 77		100.0			100.0		100.0

OCTOBER

PERIOD: (PRIMAPY) 1953-1979 (OVER-ALL) 1872-1979

TABLE 4

APER COOT ACAPULCE SOLTH

PERCENTAGE FREGUENCY OF WIND SPEED BY HOUR (GMT)

				6140	SPEED 1	KACISI			FCT	10745
HOUR	CALM	1-3	4-10	11-21	72-33	34-47	46+	PCAN	FREC	OPS
66703	7.1	11.7	57.5	20.0	2.3	.6	.0	4.1	120.0	205-
00609	13.6	11.6	57.6	14.7	2.0	- 3	. C	7.C	100.C	1959
12415	11.8	14.0	54.6	16.2	1.5	•	.0	7.0	100.0	2042
19621	11.3	15.5	55.9	15.2	1.7	. 3	•	7.0	100.0	2337
TOT	917	1126	4795	1409	158	26	1	7.3		8432
PCI	10.9	13.4	56.9	16.7	1.9	. 3	•		100.0	

TABLE 5

SABLE &

9	CI FRE	C CF 1	OTAL (		HOUNT	(£ 16HTHS)			PEPCEN	IAGE F	RECUEN	CY OF	CEILIN	€ HE10	MIS (	T.AH	94/91	
		6	Y WIND	DIREC	TION					IND CC	CUPREN	CE OF	AH <5/		140 0	186611	CN	
						HEAN												
UND DIR	0-2	3-4	5-7	8 6	TOTAL	CLOUD	000	150	300	600	1000	2000	35CC	5000	65CC	*000.	NH (5/P	
				08200	085	COVER	149	299	200	999	1996	3499	4999	6499	7066		ANY PGT	CAS
	2.4	2.1	7.0			3.9	•	•	. 1	.2	.5	.2	- 1	•	•	٠.	5.0	
NΕ	1.6	1.2	1.7	1.0		4.4	•	•	- 1	. 4	. 5	. ?	•	.c	.0	•	4.1	
E	1.6	2.2	3.3	2.7		5.2	.3		- 3		1.3	. 6	.2	•	•	•	6.3	
ŠE	1.4	1.6	3.3	2.3		5.4	. 1	. 1	.2	1.0	1.0	. 7	• 2	. 1	- 1	•	5.3	
Š	1.0	1.5	2.0			5.1	•		. 1			. 4	.1				2.6	
Š¥	1.5	2.1	2.8	1.3		4.7		.1	.2		.7				.0		4.6	
	6.0	7.7	1.3	3.0		4.2	. 3	•		1.5	1.9	. 9	.3	- 1		•	20.6	
NV	4.3	4.4	5.3	1.4		3.4			.2		1.2	. 5	.2		•	•	14.4	
VAP		.0		.0		•0	.0	.0		3.		.0		.0	.0	٠.	ъ.с	
CALP	4.2	3.1	3.C	.7		3.5			.1	.3		.3	.1				5.4	
101 085	1775	1743	2085	965	6566	4.3	65	25	100	414	572	274	85	26	10		4550	6568
TOT PCT	27.0			14.7	100.0	4.3	.,	-4	1.5	6.3	8.7	9.2	1.4		.2	1	76.0	100-0
101 761	27.0	26.5	31.7	14.7	100.0		.,		1.0	•••	•.,	4.2	,		• 4	•••		100-0

TABLE 7

CUMULATIVE	PCT	FREC	OF	SIPLLTANEOUS	GECUPRENCE
CE CETATI	LG M	THAT	141	H 34/83 AND W	CRY CAPS

				AZBA INN	,			
CEILING	: CR	= CR	: CP	= 0R	= CR	= OP	= CP	= CR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
= CR >6500	•2	.3	.3	.3	.3	. 3	.3	- 3
C OR >5000	.5	.7	.7	.7	. 7	.7	. 7	. 7
2 OR >3500	1.7	1.9	2.0	7.0	2.0	2.0	2.0	2.0
2 OR >5000	5.3	6.0	6.1	6.1	6.1	6.1	6.1	6.1
= CR >1000	12.1	14.2	14.7	14.7	14.7	19.7	14.8	14.4
= OR >6CD	16.2	19.8	20.7	20.9	21.0	21.0	21.0	21.0
= OR >300	17.0	21.1	22.1	22.3	22.4	22.4	22.5	22.5
= CR >150	17.2	21.4	22.5	22.7	22.8	22.8	22.9	22.9
= OR > O	17.4	21.8	23.0	23.5	23.6	23.6	23.7	23.7
TOTAL	1171	1466	1548	1579	1590	1591	1594	1547
= CR >150 = OR > 0	17.2 17.4	21.4	22.5	22.7	22.6	22.8	22.9	22

TOTAL NUMBER OF CBS: 673C

PCT FREC AM <5/6: 76.3

TABLE 7A

#### PERCENTAGE FREG OF LOW CLOUDS (EIGHTHS)

C 1 2 3 4 5 6 7 9 085CD 085 7-1 1P-2 22-7 17-2 10-5 6-3 6-1 4-1 7-1 -6 7226

40	1	C	۵	•	۵	

or and the contract of the con

							0.	.0862						
PERIOD: (PPIMARY) 1: (CYER-ALL) 1:							14	<b>0</b> LC 6				ARE		ACAPULCO SOLI: 5.7W 48.9b
		*1	RCENT						UFRENCI ALUES				€ OF	
4284		*	40	£	sc	s	56	٠	N.S.	VAF	CALM	PCT	TOTAL	
<1/2	PCP NO PCP ICI 3	.c	3. 2.	.0	•1 •0	.5	.c	.0	:	o. 2.	0. 0.	.1		
1,271	PCP NO PCP	•	•	-1	:	•	•	•	.0	۱۰,	.0	.2		
1/2/1	101 2	•	•	- 1	•	•	••	•	•	.c	.0	.2		
142	PCP NO PCP 101 1	.0	.;	.2	.1	•	:	. 1	٠.	.c	.0	: 3		
2<5	PCP NO PCP TCT 1	:	•! •	.3	•2 •1 •3	.1 .1	::	.1 .1	:1	.c .c	•	. 6 . 6		
	PCP	-1	.2			.2	. 3	.5	.•	.0	. 1	2.5		
5<10	NO PEP TOI 3	.5		1.2	1.0	::	.5	2.1	1.0	:c	::	6.1 •.6		
10•	PCP NO PCP ICT I	6.3	4.5	7.9	7.0	.? 4.0 5.1	6.6	22.1	16.4	3. 0.	10.1	7.6 86.6		

				•	11th V/	RYING	ANTRE	S OF W	ISIBIL	114			
VSPT INFI	SPL FTS	N	NE	E	SE	s	56	•	Nu	VAR	CALP	PC1	TOTAL
	C-3	.0	-0	.5	•	٠.	.0	.c	٠.	.0	.0	•	
<1/2	4-10	•		.0	.5	٠.	٠.	.0	•	.0		•	
	11-21	.c	.0	.0	•	•	•	•	•	.5		- 1	
	22•	-0	.0	•	•	.0	•	•	٠.	.0		•	
	101 1	•	-0	•	- 1	•	•	•	•	•0	•5	.2	
	C-3	.0	.0	-0	-0	.0	٠.	-0	-0	.0	٠.	.0	
1/241	4-10	-0	•	.0	.c	•	.0	.0	.0	-0		•	
	11-21	•	.0	•	•	.0	•	•	•	-0		. 1	
	22+	.0	•	•	•	•	.c	•	•	•с		- 1	
	101 2	•	•	. 1	•	•	•	•	•	.0	.c	• 2	
	0-3	.0	.0	.c	.c	.0	.c	•	•0	•0	•	•	
1<2	4-1C	•	• :	• 1	•	•	•	•	•	-0		. 3	
	11-21	.0	•	•	.0	.0	•	•	.0	.0		•	
	55.	.0	٠.	• 1	•	•	•	•	.0	-0		-2	
	101 1	•	• 1	.2	- 1	•	- 1	- 1	•	.0	•	-5	
	0-3	٠.	.0	•	•	•	٥.	-0	.0	-0	•	•	
2<5	4-1C	- 1	•	- 1	•	- 1	- 1	- 1	- 1	.c		- 4	
	11-21	•	•	- 1	•2	•	- 1	- 1	- 1	.0		.7	
	55.	.0	•	- 1	- 1	-1	•	- 1	•	-0		.5	
	101 1	- 1	- 1	••	• 3	•\$	• 2	• 3	• • •	.0	•	1.0	
	0-3	- 1	. 1	. 1	•	•	•	. 2	- 1	.0	. •	1.1	
5<10	4-10	- 3	- 3	-5	-5	.3	- 5	1.2	. 9	•0		4.4	
	11-21	-1	-2	.5	. •	-2	- 2		- 3	•0		2.5	
	22.		•	• 2	- 1	•	- 1	• 2	•	.0		-4	
	101 1	.5	••	1.2	1.1	•6	• 6	2-1	1 - 3	٠0	. •	1.6	
	C-3	1.6		1.2	1.2	1.0	1.4	3.0	2.3	•0	10.3	22.0	
10.	4-10	4.2	3.2	4.7	4.3	3.5	4.1	15.4	11.4	.0		51.6	
	11-71	• 5	. 6	1.4	1.5	.7	. 7	*.6	2.8	•0		13.	
	27.	-0	•	- 3	. 3	•	•	- 1	- 1	.0		. •	
	101 2	6.3	*.6	ē.1	7.3	5.2	6.5	53-3	16.7	.0	10.3	**.6	
	101 385												<b>82</b> C

> 13E21 FC1

是是这种是不是不是不是不是,他们也不是一个,他们也不是一个,他们也是一个一个,他们也不是一个一个,他们也不会一个一个,他们也不会一个一个,他们也是一个一个一个一

 sones established and and the solution of the construction of the solution of

TABLE 13

TABLE 14

PERCENT FOLUENCY OF PELATIVE MUNICITY BY TEMP

TOTAL PCT

10TAL PCT

TABLE 15

TABLE 16

MEANS\_EXIMENES AND PERCENTILES OF TEMP (DEG F) BY MOUR

PERCENT FRECENCY OF RELATIVE MUMBICAL MOUR

DOWN MAI 992 951 503 52 12 MIN MEAN TOTAL

OBS (647)

DOS (647)

DO

CCICBER

PEPIGG: (PPI=ART) 1853-1974

TABLE 17

AFE# CCC7 AC#PULCC SCLTH

name enter desperiencies de la company de

PCT FREE OF RIS TEMPERATURE IDEG FY AND THE OCCURRENCE OF FOG INTHOUT PRECIPITATION, VS AIR-SEA TEMPERATURE DIFFERENCE IDEG FY

410-564	68	73	77	<b>e</b> 1	45		>92	101		LC.
THP DIF	i.	76	40		46	92			res	700
14/16	-0	-0	.c		- 0	2.	•	Z	.0	•
11/13	-0	.0	-0	- 1	- 1	•	. 1	14	.0	- 3
<b>*/10</b>	-0	.0	.c	•	- 2	.:		24	٠.	.4
7/9	.0	.:	•	.:	. 3	. •	. 1	71	.0	1.0
•	.0	.0	.c	. 1	• 2	. 3	•	• 7	.c	. 6
5	٠.٤	.0		. 2	. 9	. 7	•	126	٠.	1.6
	.0	-0			1.4		•	197	•	2.7
3 2	.c	.0	- 1		2.0		-0	216	•	2.9
2		.0	- 1	1.6	3.0	. 3		342	٠.	5.3
1	ã.	•	- 1	2.3	3.7	.1	.č	450	•	5.2
÷	.c	.0		7.7				643		12.7
: :	.c			9.1	3.1	-:-	::	546	•	12.6
- 2			1 0	12.3	í	.1	-6	1597	.č	14.5
-3	::	:	1.7	9.1	1.7			259		11.6
	.č		2.4							
-5		•		6.5	.3	٠.	٠.	684	٠.	9.3
	٠.	-2	2.6			.5	٠.	505	•£	
-6	.c	-2	2.4		•	.0	•с	311	.5	4.2
-7/-6	٠.	.6	2.9		•	•с	.c	333	.0	4.5
-9/-10	•	- 5	- 6	• 2	- 0	.0	.c	47	٠.	1.3
-11/-13	•		- 1	٠٤	- 0	٠.	٠.	34	3.	- 5
-14/-16		•		.0		.c	٠.	2	.c	•
-17/-15	•	.0	.0		.0	.0	.0	1	.0	•
TOTAL	3		1123		1655		31		10	7377
	-	144		4192		239		7387		
PCT	•	1.9	15.2	56.7	22.4	2.2		100-0	- 1	99.9

P[#100: 104[P-1[[] 1963-1679

				•0	T FEEC C	F LINC	SPEEC	INIS) INT DIRE	CIICA V	EPSUS S	E4 +E16	ets eff	•	
				R							46			
+61	1-3	4-15	11-21	22-33	34-42	44.	PCI	1-3	4-10	11-21	22-73	34-47	424	*21
<1		1.0				.0	1.9	٠.٤	1.6	·· ::	٠٠:	3.	٠.۵	1.5
1-2		1.6	. 1		.:	3.	2.1		3.5	. 1	3.	.0		2.2
3 - 4	-1	1.1		.0	٠:	.¢	2.4	٠.	.5	• 3	.5			. 9
5-4	.0	• 2	- 1	-0		-0	. 4	.0	•	• • •	•	.c	.=	
7	.0	•	-1	.5	• 0	٠.٥	- 1	-0	- 1	•2	٠:	.c	.:	.3
4-4		.0	.0	-0	٠.	-0	-c	-0	-0	-c	•	•	э.	•
10-11	٠.	٠.	٦.	.0	• 6	•C	-0	٠.	-0	.c	.c	٠.	.c	.c
12	٠.	٠.	• [	.0	. [	.0	.5	.:	-0	٠.	٠.	•	-5	•
17-16	٠.	٠.	3.	-0	• 5	ع.	-c	•¢	.0	٠.	•	٦٠.	-0	•
20-22	0.	3. 3.	o. o.	3. 3.	::	٠.	٠.	٠.	٠.		٥.	• 6	.0	•c
23-25				-6	::	.c	.c	.0	•:	. <u>c</u>	•с	.5	-5	٠.
26-32				3.	::	.0	• • •	-\$	.5	.c	.c 2.	٠.	3.	٠.
33-40	::		3.	::	::	3.	.0	.0			-6		::	.c.
-14	::	::		:5	.:	:č	::	::	::		.c	3.	::	• • •
49-5L	::	::	::		5.	::	::		::	::	:5	::	ě	3.
61-70	7.		::				::	::	3.	::		.;	::	
71-46		. č	.c		.è	.5		::			.č	::		::
#7.				.0		i.c		.0	3.	.c		5.	.c	.5
101 951	1.7	4.3		.0		.0	4.4	.6	3.6	1.0	•		.c	5.2
				f							3.0			
₩ <b>6</b> T <b>&lt;</b> }	1-3	4-16	11-21	22-33	34-47	40.	PCT	1-3	4-16	11-21	55-22	34-47	•••	PCT
1-2	.;	3.1	9.	.c	.¢	.o 3.	1-2	-3	2.2	.c	.c	.c	.s	3.3
3-4	::	3.1	1.3		::		2.2	- •	4.4	1.6	-1	::	3.	2.5
5-6	:5	.;	.6	.1	::		1.1		::	1.3			:5	1:3
7		.;	.,	::			1:4	3.	::	- ::	::			:;
4.4		::		.;	•••	ž	::	::	::		::	•	÷.	
10-11	.c			.;			.;	: :	::	. i	.;	.1	::	.;
12	.0	3.6	.c	-1	.1	3.	.2			i.c				.1
13-16	.c				ء.	. č		•0	.0		3.	.,	ä.	- 2
17-16	• •	٠.		.5	.c				-0			-0	-0	-c
30-33	.0	٠.			٠.:	.6	.¢	.0	.0	.0	٠.		.0	3.
23-25	٠.	٠.	٠.	.0	.0	.0	.:	-0	.c	٠.	.0	-5	٠.	٠٤
26-32	٠.	-3	-0	.5	• • •	-0	- 1	3.	0	٠.	.5	•	٠.	
33-40	-0	-0	٠.	٠.	٠.	٥.	.0	٠.	.0	٠.	٠.	.:	٦.	.c 2.
-11	-0	.0	.5	.0	٦.		.0	٠.	٠.	.*	٠.	٦.	٦.	٦.
**-*	•¢	.0	.0	-c	.0	٠.	٠.	•6	.0	٠.	٠.	٠.	-0	.0
61-75	٠.	٠.	.c	-5	٠.	.:	.:	٠.	-0	-:	.5	٦.		.¢
2:-24	• •	٠.٤	-0		٠.	٠.	.:	.5	-6		ء.	.:	٠.	-c
£7+	٠,		.¢	-0	-c	٠.	٥.	٠.	٦.	٠.	٥.	٠.٢	2.	٠.
TOT PCT	••	5.2	3.2	- 6	• :	.c	16.0	.•	**1	3.2	.7	- 3	.c	*.2

P[#100:	icvf	8-ALL 1	164 1-1	574					CCTOREP				APEA	0007	464911	CC 5CL1+
								TABLE	18 (CCAT)	)			(-	15.		.1.
				PC	1 FEE: 0	f NIND	SPEED	IKTSI		IICA V	EFSLS S	EA HEIS	hTS (FT)	,		
#61	1-3	4-10	11-21	22-33	34-47	41.	PCT		1-3	4-10	11-21	22-33	34-47	***	<b>*</b> C1	
(1	٠.;	.;					1.1		·-i	1.6					1.7	
1-2		1.5	.1				2.3		;;	2.4	.;				3.6	
3-4	.0	- 6	. 3			.0						.1		.c	1.2	
5-6	.0	- 1	-2		.:	.0	.3			- 1		- 1	٠.	.0	. 2	
7	-0	-1	.:	•	٠.٤	·tı	- 1		••	•	. 1	.0	.0	.:	.1	
6-7	-0	٠¢.	•	.c	•	-0	- 3			-1	•	-0	٠.	.:	. 1	
1C-11	.0	.¢	-0	.0	٠.	-0	-0		ε	.c	.0	.¢	٠.	-0	.c	
12	.0	-¢	- 1	.0	٠.:	-0	- 1		۰.		.c	-0	٠.	.0	.c	
13-16	.0	.0	.0	.0	•	-0	•		٠.	.0	.0	.5	٠.	.0	٠.	
17-16	-0	.c	٥.	.0	٠:	.c	.0		.0	.c	٠.	٠.	٠.	.c	٠.	
20-22	-0	٥.	-0	.c	٠.	٠.	.0		٠.	٠.	3.	٠.	٠.٢	-C	.0	
23-25	.0	٥.	.0	-0	٠,	-0	.:		.c	٠.	. (	٠.	•¢	٠.	.0	
26-32 33-42	-0	• C	.c	٠.	٠.	٠.	• 0		.5	٠.	-c	-c	٠.	٠.	.0	
91-44	.0	•	-0	.0	• ¢	.c	• •		-0	ء.	٠.		٠.	.0	.0	
99-46	٥.	.0	٥.	-0	٠٤ ٠٤	.0	.0		.ç	• • • •	.0	-c	.c .c	э.	٠,	
61-7C	.0				::	•5	- c		.s	::	3:	.c .s	3.	٠.5	3.	
71-86	3.	3.	.0		::	 3.	.:						::	٥.	3.	
47.	::	::	.c		::					3.	::	-c	::		::	
TOT PCT		3.5	.,	•	.;		•:•		: ;	5.4	1.7	.;	::	::	7.6	
					•							86				TOTAL
HET	1-3	4-10	11-21	22-33	34-47	11.	P21		1-3	4-10	11-21	22-33	34-47		PC7	124
(1	1.0	1.2		· .c		٠.۵	5.3		1.1	2.5					3.7	
1-2	1.3	10.1	1.6	.0			13.0		1.0	7.3		ž	.è	i.	1.1	
3-4	.2	4.3	1.9			.0	6.4		- 3	2.0	1.6	•1	-5		4.5	
5-6	.0	.7	.,		.c	.0	1.6		.0			. 2	.:		1.1	
7	.c	.0	. 6	. 1	.c	.0	. 7		.5	•	-:	-1	.:	3.	. 3	
8-9	.0	-1	•	.0	-5	.0	- 1		.0	-1	. 1	- 1	٠.	.0	.2	
10-11	.0	-6	.c	-0	٠,٢	.0	٠.		-6	.c	3.	٠.	.c	٠.	٠.	
12	٠.	-0	.0	-0	٠.	-6	-0		.c	.0	٠.	٠.5	٠.	.c		
13-16	•0	•C	.0	-0	٠.	.0	٠.		.0	.0	٠٤	.0	٦.	.0	.:	
17-19	٠.	٠.	.c	.0	• 6	.0	-0		.0	.c	•0	.0	.c	.0	.0	
30-55	.0	.0	-0	.0	٠.	.0	•5		-5	ء.	٠.	-0	٠.	.с	. c	
23-25	٠.	٠.	.0	-0	• • • •	.0	-0		۰.	.c	.c	٠.	.0	.c	-c	
26-32 33-40	.c ::	٥.	.0	-0	3. 2.	٠.	٠.		.5	.0	э. э.	-5	•¢	٠.	٦.	
41-45	.0	3.				٠.	-0		.c 3.	٠.	3.	ء.	٠.	3. 3.	.c	
49-20	.0	3.	.0	.0		.c	٠.		 	.0	7.	3.	.c	5. 2.	٠.	
61-75	.0	-0		.0	 J.		-¢		.0	3. 3.	3.		3.	3.	J.	
71-66	.0	3.	::	3.	3:	3.	.0			::		3.		::	 5.	
67-		3.		::	::		::			:5	::		::	::		
TOT PCT	3.3	18.0	5.3	.;			27.2		2.4	13.1	3.4	.;		::	14.7	40.5
			,.,	••	••	••					,	• ,		•••		

	WIND	SPEED	****	VS SEA	#E16#1	(FT)		
H61	D-3	4-15	-1-51	22-33	34-47	48+	PCT	101 CES
<1	16.2	10.9		.0	.0	-8	27.4	
1-2	0-1	31-1	4.0	•1			91.1	
3-4		11.6	7.5	.1	.0		19.4	
5-6	•1	7.1	3.4				4.1	
7	•0	. 4	2.3			3.	3.0	
8-9	.0	- 3	- 3	.2	-1	-6		
10-11	٠ċ		.:	.3		-0	-5	
3.2	٠.٤	٠.	- 1	• 2	-1	- C	.4	
13-1€	-6	.0		-2	•2	-0	. •	
17-15	-0	.c	٠.	.c		-c	.c	
20-22	-0	- 0	-0	٠.	.:	- 5	.0	
23-25	-0	٠.		.0			.0	
74-37	.0	.c	.0	.0	-1	-0	. 1	
33-40	.0	.c	.0	.0	.5	-0	.5	
-16		-0	.0	.0		-0	.ċ	
44-65	.0	.0	.0	.0	.0	٠.	.0	
61-76	-5	-с	ء۔	.0	.5	.0	.c	
71-86	-0	-0	٠.	-0		- 2	.0	
87 *	-0	-0	٠.		.0	-0	٠.	
								1854
TGT PCT	23.0	56.4	14-1	1.4		-6	100.0	

THE PROPERTY CONTRACTOR OF THE PROPERTY OF THE

PERIC	D: 464	CO-ALI	.) 199						748LE	1+											
					PERCEN	7 FEE	CUERET	OF WAY	re 4611	GHT IF	1) VS	444E P	1016	(SECON	123						
PER102 15EC1	<1	1-5	3-4	5-6	7	8-5	10-11	12	13-16	17-19	30-55	23-25	56-35	33-00	41-48	****	63-70	71-86	87*	TOTAL	-61A
<6	6.5	17.C	14.0	5.3	1.5		•2	-1	.1	.1	•	.0	.c	-0	.0	c		-0	٠.	2715	
6-7	-2	2-5	7.8	7.2	3.2	1.1	. 7	-1	. 3		-1	•	.0	.5	-0		ء.	٠.	٠.	1374	Š
4-9	-1	1.2	2-4	3.4	2.0		- 3	.2	.2	- 1	•	•	ء.		.c	- (	-6		٦.	642	1
10-11	.0	.4	1.0		• \$		-2	- 1	.1		.c	.c	•		.5				.c	23C	5
12-13	٠.	-0	- 5		- 3	-1	•	•	•	.0	•	-0	-0	•	.c	.:	.0	3.	.0	46	•
>13	-6	.0	-8	. 1	-2	-1	- 1	•	•	٠.	٠.		.0	٠.	.0			•€	.0	42	7
INCET	7.8	1.1	2.4	1.4		- 3	- 1	•	.1	• 1	•	.0	•		٠.	- 5	٠.	٠.	.с	856	2
TOTAL	872	1368	1664	1138	491	144	77	34	39	15	•	3	3	1	E		2	ŧ	ε	5434	
PCT	19.7	23.1	24.1	19.2	t.3	3.3	1.7	- 1	. 7	. 3	•2	• 1	-1	•	- 6	٠.	.5	٠.	.5	100.0	

	_	٠.			_	_	_
٠.	С	¥	t	۰	t	ŧ	ĸ

PEDIOG 1201PAGET 1457-1676

146L( 1

APE# 0007 #CAPULCE SCLIP 15.7% 98.5% 

PERCENT FREGLENCY	¢.f	LIATER	CECLEBEACE	 A 140	£166£11ce
	••	*****			

			,	PF   C   P	14110	. 1176					CIMER		PHENC	P[44	
+10 Ct+	01:4	FAIL SHEP	CP2L	FETS	5506	63462 FRZ4 PCP4	PAIL	PCP4 #1 00 110E	PrPS PAST MCUP	THEP LING	FCF*	FCG WC PCFL PAS. HR	5#C#E #426	SPEAY PLUE CUST PLUE SNOW	
7.	.4	. 3	. 3	.0	.¢		.:	3.4	•5	. 4	. :	.0		٠.	56.5
46		.7	•	.0	٠.	0		1.6	. •	2-1	. t	.c	1.4	•	53.2
	1.7	1.1		٠.	-0	٠.	.0	3.4	1.4	2.5	. 2			. 1	51.4
32	3.4	1.6		٠.	.c		.0	5.4	2.3	2.5	3.		.2	٠.	24.4
\$	3.0	2.4	.:		٦.		٥.	5.6	1.4	2.3		.0	.3	• 5	***
3.	1.6			.c			- 0	2.:	1.2	1.1		.c			43.4
	٠.٠	.2		2.				1.0	1.3		.2	.0			45.0
		. 2	. 3		.:				. 7	1.4		ž.			45.6
248		3.	3.		.5		. 5		.e	2.5	3.	.c			3.
561.0	.c	.:	.:	٤.	.c		.c	-2	. 7	3.1	.2		1.4		44.5
161 PC1 161 Chi:	7254	.5	- 3	.0	.9	.5	•	2-7	1-1	2.0	- 3	ء.	.7	•	**.:

#### TABLE 2

#### PERCENT FREQUENCY OF MERTHER OCCUPACNCE BY MOUR

			•	C 1 > 1	10:10	* ***					C1+EE	-[17-[	5 p. r _ ¢	PE4.0	
+0LE (5=1)	P418	PAIL SHOR	COZL	FEFN	540.	61HER FRZN PCPN	<b>~4:</b> L	PEFS AT CB TIME	*CFE P421	1400 1400		FGC &G PCPN PAST PR		SPEET BLAG SUST BLAG SACA	
50653	:;	. 3	:2	 3.	.c	٠.	.s	1.2				.c .c	1.1		\$7.2 \$0.3
;2615 10621		-?	••	.s	:: ::	::	.:	2-e 1-1	1.7	3.3	-1	÷.			\$3.5
101 PC1 10" C#5:	7997	-5	.3	.5	ع.	ء.	•	1-6	:-1	2.5	.2	.c	.7	•	···:

#### \*\*\*LE 3

#### PERCENTAGE PRECUENCY OF MINC DIRECTION PT SPEED AND BY HOLE

		<b>-1</b> 1	LC SPE	EC (#4	(210								#ft3	15-11			
110 CF4	C-3	4-10	11-21	22-32	34-47	48-	TETAL	PC:	MEAN	CO	23	0.5	C+	12	25	10	21
							ses f	*£\$	3*0								
	3.2	4.4		. c	.=	.:		15.7	5-5	4.5	5.4	4.7	3.7	27.4	12.:	12.3	14.5
NE.	1.7			- 1	•	٠.		7.2	4.5	3-3	8.4	5.4		16.6	10.2	٠:	11-3
E	:.7	5.3	1.4	• • •	•	.c		4.1	7.4	4-1	7.0	4.7	2.3	•.3	0.7	11.7	4.5
: (	1 - 3	3.3	1.0	• ;	.3	.0		5.7	7.2	4.4	5.4	5.2	4.5	• • 3	6.3	6.2	5.3
•	1.0	2.5			•	-0		2.9		4.4	4.5	3.7		1.5	3.3	3.2	1.4
<b>5</b> •	1.2	*.*		. 1	•	.c		5.3	6.2	4.4	7.1	4.5	7.4	7.5	4.0	4.1	4.7
•	4.2	15.2	2.3	. 1	•			21.5	• · ·	35.9	25.3	23.0	24-1	13-3	15.4	15.0	22.7
4.6	4.1	15.5	2.5	.:	.c	- 0		21.4	6.5	17.3	14.4	20-7	24.1	25.4	24.4	27.2	22.5
444			3.	- 4	-0					.0		٠.	.0		•=	٦.	.:
Cate	14.2						1	14.6	ء.		13.5	14.4	14.7	15.0	10.0	15.0	17.6
101 085	2554	**2*	702	50	5	c	7775		5.4	1901	190	2458	104	1494	211	1927	2+1
167 *C:	33.4	34.5	*-C	. •	-1	.:	11	2-33		165.6	:::.:	100.0	100.0	150.0	100.0	100-0	100.0

145.F 14

		6140	19665	(45CTS)						NCL1	16-1	,
MIS SEE	5-6	7-16	17-27	24-40	-1-	TETAL	134	*634	CC	24	12	10
						\$ <b>*</b> 5	FREC	5 <b>P</b> 2	¢3	2*	15	21
	7.7	3-6	.:	.5	.:		10.7	5.5	*.4		17.3	17.0
4.5	2 - 0	2.4	- 2	- 1			7.7	4.4	3.7	5.7	16.5	1.2
(	• . 6	: :	.5	- 1	٠.		4.6	7.4	1.2	1.1	4.7	16.4
31	1.2	2.2	- 3	•	-:		5.7	7.3	4.7	5.3	4.5	6.1
5	2.5	1.3	-:	•	=		3.4	4.4	4.4	3.*	2.1	5-1
3-	1.0	1.0	-1	•	- 6		5.3	6.2	1.4	4.7	2.5	4.3
	12.4	9.2	- 3	•			71.4	6.7	25.4	23.1	13-5	14.2
46	12.0	8.5	- 2	•	٠٤		24	: -5	17.3	21.0	25.7	22.3
715	.5	. c		.:	٠.		-5	٦.	.:	٠.5		٠.:
CALF	:						: 4		15.5	14.1	15.2	15.0
Tel Cas	5117	2465	152	17	5	7775		4.4	1471	1857	2255	2120
121 ***	45.6	32.0	7.0		. :		120.0		102.0	106.2	120.0	166.5

PASE 140

NOVEMBER

PERIOD: (PRIMAPY) 1953-1979 (OVER-ALL) 1972-1979

是是是一种,是是是一种,他们是是是一个,他们是是一个人,他们是是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们也是一个人,他们也是一个人, 第一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们也是一个人,他们也是

TAPLE 4

APEA 0007 ACAPULCE SOUTH 15.74 98.94

AND THE PROPERTY OF THE PROPER

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GM1)

				WIND	SPEED (	KNOTSI			PCT	TOTAL
~0UR	CALM	1 - 5	<b>4-10</b>	11-21	22-33	34-47	48.	ME YM	FREC	CES
00603	10.0	16.8	61.7	10.7	. 7	- 1	. c	6.4	100.0	1941
06639	19.1	16.0	55.1	9.4	. 4	.0	٠.	5.4	100.0	1807
12615	15.2	18.0	58.1	7.9	. 7	- 1	. c	5.5	100.0	1899
18621	15.4	22.6	52.4	8.2	. 6	- 1	.0	5.3	100.0	212*
101	1157	14 17	4424	702	SC	•	0	5.6		7775
PCT	14.0	16.5	54.0	9.0	- 6	- 1	c		100.0	

TAR

TAPLE 6

P	CT FRE			CLUUD A		(E SGHTHS)							CEILIN NE (5/					
MND OIS	0-2	3-4	5-7	8 G 085CD	TOTAL OBS	CLUUD COVER	COD 149	150 299	300 599	999	1000	2000 3499	350C 4999	5000 6479	6500 7999	*600+	NH CS/A ANY HGT	
N	6.1	2.7	1.7	. 4		2.6	.1	•	. 1	.2	. 3	. 1	. 1	•	. c		10.0	
NE	3.7	2.0	1.0	.4		2,7	•	•	. 1	. 3	. 3	. 1	•	•	.0	٠.	6.5	
E	3.7	2.4	2.3	. 9		3.5	.0		•	. 3	. 7	. 2	.1	. 1	.0	•	7.7	
SE	1.9	1.4	1.6	. 8		4.0	•	•	•	. 4	. 3	. 2	- 1	. 1	•		4.6	
\$	1.2	1.0	1.2	. 4		2.8	.0	•	. 1	. ?	• 2	. 1	• 2	•			1.0	
Š₩	2.0	1.6	1.3	. 3		3.5	•	•		.2	. 3	. 1	•	•	.0	. 0	4.4	
	10.8	6.3	4.6			3.0	•		. 1	. 5	1.0	. 3	.2		. 1	•	20.2	
NV	:1.6	5.6	3.1	.6		2.6	•	•	. 1	. 3	. 5	. 2	. 1	•	•		19.4	
VAR	.0	.0	2.	.0		•0	.0	.0		.0	٠.	.0	•0	.0	.0	٠.	• c	
CAL	8.6	1.5	2.0	. 4		2.4	.0	.0		. 2	. 3	. 3	. 1	.0		. 1	12.6	
101 055	2965	1590	1118	282	5955	2.4	10	10	30	143	235	99	5.5	20	9	12	5232	5955
TOT PCT	49.6	26.7	18.8		100.0	•••	.2	. 2	. 5	2.4	3.9	1.7	. 9	. 3	. 2	. 2	85.5	100.0

TABLE 7

CALMAIN A T THE	007	FOFA	^ -	SIMULTANEOUS	OCCHOOL MEE
COMUCALIVE	F C 1	. 466	•	21-051446003	OCCURRENCE
OF CET! 11		***	4 M	. Naves the v	FBV 11.41

					AZBA EVW	,			
ĊI	EILIMG	C CR	= OR	= OR	= CR	2 OR	= 0R	= CR	: CA
(1	FEET)	>10	>5	>2	>1	>1/2	>1/4	>5010	>0
: CR	>6500	. 3	.3	.3	.3	. 3	. 3	. 3	- 3
= 0R	>5000	. 7	. 7	.7	.7	• 7	.7	.7	. 7
= OR	>3500	1.4	1.5	1.6	1.6	1.6	1.6	1.6	1.6
I OR	>2000	2.0	3.1	3.2	3.2	3.2	3.2	3.2	3.2
= OR	>1000	6.1	4.9	7.1	7.1	7.1	7.1	7.1	7.1
= CR	>600	8.1	9.3	9.5	9.5	9.5	9.5	9.5	9.5
= 0R	>300	8.4	9.7	10.0	10.0	10.0	10.0	10.1	10.1
= OR	>150	8.5	9.9	10.1	10.2	10.2	10.2	10.2	10.2
2 OR	> C	8.6	10.0	10.3	10.3	10.3	10.4	10.4	10.4
	TOTAL	529	614	€32	634	373	637	638	638

TOTAL NUMBER OF OBS: 6149

PCT FRED NH <5/8: 89.6

TABLE 7A

PERCENTAGE FREG OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 0 8 5 0 0 C 8 8 17.7 2 6 4 2 2 3 13.9 7.3 3.3 3.3 1.8 2.0 .1 6 4 4 9

NO	VΕ	<b>MB</b>	ŧ	R

PERIOD:	(PPI=APY)	1953-1979
	40450-411	1035 1030

t	A	В	L	E	ŧ

AREA 0007 ACAPULCO SOLTH

	-14-1717						• • •	DEC 0					
		PI	ERCENT	FREQ PREC	OF WIN	D DIRE	CTION TH VAR	VS OCC	UPRENC ALUES	E OR N OF VIS	IBILI	CURRENC TY	E CF
4584 (NP)		N	NE	ε	3.6	s	Sw	¥	NW	YAR	CALM	PCT	TOTAL
	PCP	.0	•	.0	•	.0	. 0	•0	.0	.0	.0	•	
<1/2	NC PCP	•	٠.	.0	•0	.0	•		•0	.0	.0	•	
	ICI F	•	•	. c	•	•0	•	•	.0	•0	.0	. 1	
	PCP	•	•	.0	.0	.0	•	.0	.c	.0	.0	•	
1/2()	NO PCP	.0	٠.	•0	-0	.0	.0	• 0	.0	. 0	.с	• 0	
	101 \$	•	•	.0	.0	.0	•	.0	.0	.0	•0	•	
	PCP	•0	•	.0	٠.	•	.0	.0	.0	.0	.0	. 1	
1<2	NO PCP	•	•	.0	.0	.0	.0	• C	• 0	٠.c	•	•	
	101 1	•	•	.0	•0	•	•0	• C	.0	.0	•	. 1	
	PCP	•	•	•	•	•			•	.0	.0	•2	
2<5	NO PCP	•	•	- 1	•	•	•	• 1	•	.с	.c	• 2	
	101 2	•	•	- 1	•	•	•	. 1	•	-е	.0	.4	
	PCP	•		.1	. 1	. 1	-1	- 1	.1	.0	•	.5	
5<10	NO PCP	. 5	• •	. 5	. 3	• 2	• 2	. 6	1.2	•С		4.3	
	TOT 1	• 5	. 5	. 5	.4	. 3	.3	.7	1.5	.0	. •	4.9	
	PCP	• 1	-	. 2	• 2	. 1		+1	-1	.с	•	. 9	
10+	NO PCP	10.5	6.	6.0	5.0	3.5	4.9	21,4	20.4	.0	13.9	93.7	
	101 3	10.3	t . !	8.2	5.2	3.6	4.9	21.5	20.5	.0	13.9	94.6	
	101 085												7182
	101 PCT	10.9	7.1	8.8	5.7	3.9	5.3	22.3	21.7	.0	14.3	100.0	

VSBY	SPD	N	NE.	£	SE	\$	Sh		ISIBIL Ku	YAR	CALM	PCT	TOTAL
(N×)	KTS		~~		,.	•		•					OBS
	0-3	•	.0	.0	•	.0	.0	-0	.0	.0	.c	•	303
<1/2	9-10	.0		.0	• 0		•	•		.0		•	
	11-21	.0		.0		5.	.0	ů.	.0			٠.6	
	22+	.0	•		.0			.č	.0	.0			
	TOT &		•	.0	•	.0	•	•	•	.0	٠.	• 1	
	0-3	.0	.0	.0	٠.	.0	.0	.0	.0	.0	٠.	.0	
1/2<1	4-10	.0	.0	.0	٠0	.0	•	.0	.0	.0		•	
	11-21	•	•	.0	•0	•0	٠٥.	٠.0	.0	.0			
	22+	.0	•0	.0	•0	• 0	.0	.0	.0	.0		.0	
	101 3	•	•	•0	•0	•0	•	•0	.0	.0	.0	•	
	0-3	•	•0	.0	•	.0	.0	.0	.0	•0	•	•	
1<2	4-10	•	•	.0	.0			•	.0	.0		• 1	
	11-21	•0	.0	.0	.0	.0	-0	. 0	.0	.0		.0	
	55+	•0	•	.0	•0	•	.0	.0	.0	.0		• 1	
	101 2	•	•	.0	•	•	•	•	.0	.0	•	•2	
	0-3	.0	.0	•	•	-0	.0	•	•	.0	•	. 2	
2<5	4-1C	•	• 1	•:	•	•	•	•	- 1	٠.		.3	
	11-21	•	•	•	•	•		•	٠.	.0		- 1	
	55+	.0	.0	•	.0	•0	•	•	•0	.0		• 1	
	101 4	- 1	• 1	-1	•	- 1	•	• 1	.1	.0	•	• •	
	0-3	. 1	-1	. 1	•	•	•	. 1	.2	.0	. •	1.2	
5<10		• 3	• 2	•2	•2	• 2	. ?		. 6	.0		2.5	
	11-21	•1	. 1	• 2	. 1	- 1	- 1	• 1	• 3	•0		. 9	
	224	.0	•	•	•	•0	•	.0	. :	.0		. • 1	
	101 2	.5	.5	.5	.4	• 3	. 3	.6	1.2	.0	• •	4.7	
	0-3	3.1	1.6	1.5	1.2	.9	1.2	4.1	3.9	.0	14.3	31.6	
10+	4-10	6.7	4.2	5.0	3.0	2.3	3.	14.4	14.7	.0		54.1	
	11-21	- 5	.6	1.4	. 9	• 3	- 3	2.2	1.9	.0		4.1	
	55.		. 1	• 2	. 1	. :		• 1	:	• C		. 5	
	101 1	10.2	6.6	8.1	5.1	3.5	4.9	21.2	20.4	•0	14.3	64.4	
	101 OBS							22.0					7521
	TOT PCT	10.8	7.2	8.7	5.6	3.9	5.3	22 a D	21.7	.0	14.7	100.0	

HOVEHBER

PERIOD: (PRIMARY) 1953-1979 (OVER-ALL) 1672-1979

TAPLE 10

APEA OCC7 ACAPLLCC SOLTH

and the second second

## PEPCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH 34/6) AND OCCURRENCE OF NH (5/8 BY HOLR

HOUR (GMT)	000 149	150 299	300 599						65CD 7999		TOTAL	44 C5/8	
00603	.1	.1	•2	1.7	3.4	1.9	1.2	.4	- 1	-1	4.2	90.8	1658
06609	. 1	+1	.6	2.7	3.5	1.7	. 7	-3	-1	.1	10.0	40.C	1494
12615	. 3	+1	.8	3.1	4.5	1.5	. 8	• 1	- 1	.4	11.7	86.3	1519
18621	- 1	.3	.4	5.0	3.7	1.2	• 7	.5	• 2	• 2	5.4	90.6	1749
101	10	10	31	151	243	102	55	20	9	12	643	5777	6420

TABLE 11

TABLE 12

observed by the contraction of t

		PERCENT	FREQUE	ICY VS81	(NM)	et Hous		CL™UL AT					SEY KEUR	
HOUR (GMT)	(1/2	1/2<1	1<2	2<5	5<10	10•	CBS	HGUR (GPT)	<150 <50*0				NH (5/8 AND 5+	TOTAL
C0603	•2	.0	.2	.3	3.5	95.9	1928	00603	• 2	. 4	2.4	7.3	90.4	1566
99340	•0	-0	.0	.4	5.9	93.7	1832	90363	- 1	. \$	4.1	6.5	89.4	1422
12615	• 1	-1	. 5	1.1	6.1	92.4	1898	12615	• 3	1.3	4.8	7.5	87.8	1462
18621	•	•	.1	-6	3.4	95.7	2146	18521	- 1	. 9	3.4	6.0	90.2	1679
101	6	2		45	365		7804	101	11		223	425	55C1	6145

TABLE 13

TABLE 14

	PERCE	ENT FRE	EQUENC	Y CF P	ELATIV	HLHI	DIIA S.	7 1£=P	TOTAL	PCT		PERC	ENT FR	EGUENC	T OF W	140 CI	PEC110	N EY T	E+P	
TEMP F	0-59	36-39	40-49	50-59	60-69	70-79	80-69	90-100	CBS		N	٩E	£	SE	s	Sh		N.	VAR	CALF
95/99	.0	.0	• 0			.0	.0	.0	3	-1		٠,	. 5	•с	•	•0	•		.с	٠.c
90/94	-0	.0	.c	. 3	1.0	.5	.2	. i	113	1.9	• 2	• 1	. 2	. 2	•	• 1	. 3	. 5		• 3
45/69	•0	.0	• 1	. 5	4.3	10.5	2.6	. 5	13=8	18.1	1.7	1.1	1.6	. 8	.6	1.1	4.6	4.4	.0	2 . 3
80/54	.0	.0	- 1	.6	6.0	34.1	26.6	3.8	4263	71.1	7.9	4.9	5.9	3.9	2.5	3.7	16.2	15.5	.0	10.7
75/79	+0	.0	.0	•	. 1	2.3	4.0	2.7	515	8.6	1.2	1.0	1.5	. 1	- 5	. 3	1.0	1.1	.0	1.2
70/74		.c	.0	.6	.0		• 1	. 1	3.6	. 3	•	- 1	•	•	.1	•	•	.1	.0	•0
TOTAL		ð	11	81	685	2416	2006	390	5998	100.0										
PCT	.0	.0	. 2	1.4	11.4	46.9	33.4	6.7			11.0	7.2	9.2	5.6	3.7	5.3	22.1	21.4	.c	14.5

TAPLE 15

	MEANS .	EYTREK	ES AND	PERCEN	TILES	OF IE	4P (DE	G F ; E	T HOUR		PEPC	ENT FRE	GLENCY	OF RELA	TIVE H	UP1011Y	BY HCLE	,
HOUP (GMT)	PAX	492	951	508	51	14	PIN	MEAN	1016L 085	HOUR (GPT)	0-29	30-59	60-69	70-79	80-89	9C-1CC	PEAN	TOTAL
00603	94	39	87	83	80	77	68	83.3	1986	00003	.0	1.8	12.8	53.2	29.0	3.4	76	685 1582
06109	90	86	84	82	79	77	70	81.8	1880	06209	• C	.5	6.1	46.C	40.9	6.5	76	1464
12615	92	85	84	61	77	75	70	80.9	1957	12615	-с	. 3	2.9	37.7	46.0	13.1	8.7	1505
18621	98	92	90	8+	80	77	68	84.3	2190	18621	.0	3.4	22.5	49.9	20.0	4.2	7 %	1656
101	98	9 C	87	82	79	7 €	68	82.6	8013	101	0	96	758	2917	2089	417	78	6227

NOVE PBER

PERIOD: (PPIMARY) 1953-1979 (GVER-ALL) 1877-1979

TABLE 17

AREA GOOT ACAPULCE SOUTH

PC1 FRE0 OF #11										CUT PR	ECIPITA*ICA
		A2 WI	H + 2 E A	IERFI	LWATU	KE DI	. F E RE	NCE (DE	5 7 3		
AIR-S	A 45	69	73	77	81	85	89	>92	101		WO .
THP D	F 68	72	76	80	84	88	92			FOC	FOG
14/10	0	.0	•0	.0			•	•	6	.0	.1
11/1		.0	.0	•	• 2	•	•	• 1	22	.c	.3
9/10	0	.0	٠.	•	. 1	- 1	. 1	• 1	30	• C	. 4
7/8	.0	-0	.0	. 1	. 3	. 3	. 5	•2	89	•0	1.3
ŧ	.0	.0	.0	.0	• 1	. 3	. 3	•	5 C	.0	.7
5	•0	.0	-0	. 1	. 5	. 6	. 6	-0	119		1.8

PERIOD: (OVER-ALL) 1-63-1979

148LF 14

								TABLE 1	٠							
				PC	T FREC OF	WIND	SPEED	(KTS) AND D	IREC	TION V	ERSUS S	EA HEIG	HTS (FT)			
HGT	1-3	4-10	11-21	N 22-33	34-47		PCT		- 3	4-10	11-21	₩E 22-33	34-47	44.	PCT	
<1	1.5	3.1			37-77		4.6			1.8	.1		.0		2.9	
1-2	1.7	4.2	::	.0	:6		5.2		.,	2.3	:i		ě		3.3	
3-4	•	1.6	:2	:0	ě		1.2		.3		.;				1.3	
5-6	.ŏ	3	.1		č							.0	5.		• ; ;	
7,	.0			.0	č		.0		.0				·.`	.č	•	
8-9	ř	.č	.0	. 5		3.					.ŏ		i.		•	
10-11	.0	.0	.0	.0		.0	.0		.0	.0	·č	.0	.c	·c	.0	
12	.0		.0	.0	.ċ		.0		.c	.0		.5	3.			
13-16	.0		. č	•0	i č						•0	.0	·è	.0	.0	
17-19		.0	3.		, č	.0	.0		.0		.0	.0	.0			
20-22	.0	.c	.0	.0	• 6	.0	.0		٥٠	.0	.0	.0	· č	·č	•0	
23-25	.0		.0	.0	ě		.0		.0	. 0	.0		, č		.0	
26-32	. ē		.0	.0	. č	.0	.0		.o	.0	.0	.0	3.	.0		
31-40	•0		.0	.0	. c	.0	.0		.0	.0	.0	.0	. c	.0	· c	
41-48	.0		•0	.0	·ē	.0	.0		.0	.0	•0	.0	.0	.0	.0	
49-60	.c	. c	.0	.0	, č	.0	.0		.0	.0		.0	•0	.0	.0	
61-70	.0		.0	.0	٠.	• 0	.0		.0	.0	.0	.0	.0	.0	• 0	
71-86	.0	.0	.0	.0	٠.	.0	.0		.0	.0	.0	•0	.c	.0	.0	
87.	.0	. C	.0	.0	• ¢	.0	.0		.0	.0	.0	.0	.c	.c	.0	
OT PCT	2.3	4.5	. 5	.0	•с	.0	11.4	2	. 3	5.2	. 7	•	•0	•0	8.2	
				_												
HGT	1-3	4-1C	11-21	22-33	34-47	48+	PCT	,	- 1	4-16	11-21	SE 22-33	34-47	44+	PCT	
<1	1.0	1.4	•••				2.5		. 4						1.1	
1-2		2.4		.0	.č		3.3		.;	1.7	ž		3.		2.3	
3-4	.2			.0	·č	.0	1.4		•		.;		ic.		`.;	
5-6	3.				ič.		.,		٠.	::			ž		.;	
7,*	ò	i.c			·č								3.			
9-9	.0	.0	•0	•	. C	.0			.0	.c	.0	·č	. c	.c	•0	
10-11	.0	.0	.0	.0	٠.	.0	.0		.0	.0	.0	.0	.0	•0	.0	
12	.0	.0	.0	.0	٠.	.0	.0		.0	.0	.1	.0	.0	.0	- 1	
13-16	.0	.0	. 1	.0	٠Č	.0	. 1		.0	.0	.0	.0	.0		+ C	
17-19	.0	.0	.0	.0	.0	.0	.0		•0	.0	•0	•0	.0	•0	.0	
20-22	.0		. 0	.0	• C	.0	.0		٠0		·C	- C	.0	.0	•0	
23-25	•6	.0	.0	.0	٠ċ	.0	.0		.o	.0	• 0	. 5	.0	.0	.0	
26-32	.0	.0	, 0	.0	٠ć	.0	.0		٠.	.0	• 0	.0	٠ċ	•0	.0	
33-40	•с	٥.	.0	.0	٠.	.0	.0		.0	.0	.0	.0	- 0	.0	٠.c	
41-48	•0	.0	.0	.0	٠.	.0	•0		.0	.0	.0	•0	.0	•0	•0	
49-60	.0		.0	.0	. c	.0	.0		.0	.0	.0	•0	.0	.0	.0	
61-70	.0		.0	.0	٠.	.0	.0		.0	.0	.0	.0	.c	.0	. č	
71-86		•0	.0	.0	. c	.0	.0		.0	.0	.0	.0	.č	.0	.0	
87+	.0	.0	.0	.0	. c	.0	.0		·č		•0	.0	.c	•0	·c	
101 PC1	1.5	5.0	1.6	.2	٠.	•0	8.2		.7	3.2	. 7	.с	.0	•0	4.7	
-										,,,						

								HOVEPB	ER							
PERIOD.	COVE	R-ALLI	1963-	979				TABLE 18 (C	ONTI				ARFA	15.		.94 .94
				PC	T FREG O	F WIND	SPEED	(KTS) AND O	IRECTIO	)# ¥	ERSUS S	EA HEIG	HTS (FT)			
HGT	1-3	4-10	11-21	\$ 22-33	34-47	41.	PCT	,	-3 4-	10	11-21	22-33	34-47	48.	PCI	
<b>VI</b>				• • • • • • • • • • • • • • • • • • • •	٠.	.0	1.0			ŭ			3.		1.6	
1-2	.2	1.1	- 1	.0	• 0	.0	1.5			. 9	. 3		ě	.0	2.7	
3-4	- 1	.5	• 2	.0	• C	.0	.8		.0	.5	. 2	.0	3.	.0	. 7	
5-6	.0	. 2	.1	.0	• C	.0	. 3		.0	•1		•	.0		• 2	
7	.0	.0	.c	.0	٠.	.0			.0	.0	.0	-0	- C	- 17		
8-9	•0	.0	.0	.0	٠,	.0	.0		.0	.0	.c	.0	٠٤	-0	.0	
10-11	-0	٠.	.0	.0	• С	•0	.0		.0	٠c	.0	.0	•C	-0	• C	
12	.0	•0	•0	.0	• ε	•0	.0		•0	٠.	.0	•C	3.	.0	٠.	
13-16	• C	.с	•0	.0	• 0	•0	•0		•0	•0	ъс	.0	.r	. C	.0	
17-19	•0	.0	• 0	.c	٠¢	•0	•0		•0	٠.	.0	.0	•c	.0	.0	
50-55	.0	.0	.0	-0	• c	+0	.0		•0	.0	٦.	٠0	.0	.0	.0	
23-25	•0	.0	•0	.0	٠٠	•0	.0		.0	٠.	۰۰	.0	.с	.0	• C	
26-32 33-40	•0	.0	.0	٠.0	٠٠	•0	.0		•0	·c	.0	.0	٠.	. c	· c	
41-48	.0	.0	•0	•0	• ¢	•¢	•0		.c	٠.	•0	.0	٠c	.0	.0	
40-55	.0	.0	.0	.0	• C	•8	.0		.0	.c	•0	٠.	.c	•0	•0	
61-7C	.0	::	.0		::	.0			.0	.0	.0	.0	• ¢	.с	-c	
71-86	.0		.0		::	.6			.0	.č	.0		, r	.0	٠.	
87.	:0		.0	:.	::		.0		.0		.0				3.	
TOT PCT	. 7	2.5		.0		.0	3.6			3.3	.5	•••	:č	.0	5.3	
HG1	1-3	4-10	11-21	22-33	34-47	48+	PCT		-3 4-	-10	11-21	22-33	34-47			PCT
ζ1	2.5	4.4		.0		•0	7.0				11-21	.0	c	48*	PCT 5.2	PCI
1-2	1.4	9.6	: ;	.0	::	.0	11.9				1.0		3.	.c	12.0	
3-4		2.9	.;	.0			3.9			. 5					3.1	
5-6	.e	.,	.2			.0	1.0			. 5	.2	.0			7.8	
7	.o	.1	.0	.0	. c	•0	.1		.0	•1	.0	.0	ř			
8-9	.0	•0		.0	• C	•0	. 2		.0	.0		.0		.c		
10-11	•0	-0	•0	.0	٠.٤	٠.	.0		.0	.c	.0	.c		-0	.0	
12	•0	.0	.0	.0	٠.	•0	-0		.0	•0	.0	.c	.c	.0	.0	
13-16	.0	.0	.0	.0	.:	•0	•C		.0	-0	·C	.0	.0	.0	.0	
17-19	.0	•0	• C	.0	٠.	•0	٠.		-0	•0	.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	٠ç	•0	.0		.0	·c	.0	•c	٠.	.0	.0	
23-25	.0	.0	.0	•0	٠,	•0	-0		•0	•0	•0	.0	٠.	.0	.0	
26-32	٠.0	٠.	•0	.0	٠.	•0	•0		•0	•0	•0	٠.	.0	.с	• C	
33-40	٠.0	٠.	-0	•0	٠.	• 0	.0		•0	·c	•0	•0	٠¢	.0	.c	
41-48	.0	.0	•0	-0	, c	-0	•0		.C	٠.	• 0	.0	.0	.0	٠.٥	
49-60 61-70	٠.	.0	•0	-0	٠,	٠.	.0		•0	٠č	•0	•0	·č	-0	٠,	
71-86	.0		.0	٠.	٠,٠	•0	•0		•0	.0	٠.	٠.	٠.	•c	•0	
87.	.0	 3.	.0	•0	٠,	•0	-0		.0	.0		٠.	٠,	-0	•0	
TOT PCT	4.1	17.7	2.2	.0	.c	•0	24.2				1.7	.0	.c	.c	21.3	86.4
			***	••	••	••	-4.4	,	.,		1.7		• • •	-0	41.3	< 0 + 8

	WIND	SPEED	(KTS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48*	PCT	101 085
<1	23.3	16.2	. 4	.0	.0	.0	39.9	00,
1-2	7.1	32.0	3.0		.c	.0	42.1	
3-4	1.2	4.8	3.0	.0	.c	.0	13.0	
5-6	•0	2.5	1.4		.0	.0	4.1	
7	.0	.2	.1		.0		.5	
8-9	.0	.0	• 2	.i				
10-11	.0	.0			.0		.0	
12	•0	.0		.0		.0	• • • •	
13-1€	.0	.0	.i	.c			i	
17-19	.0	.0	• • •	.0		.0		
20-22	.0	.0		.0	.0	.0		
23-25	•0	.0	. c	.0				
26-32	.0	.0	.0	.0	.0	.0	.0	
33-40	.0	.0			.0	.0	,ŏ	
41-48	.0	.0		.0	.c		.0	
49-6C	.0	.0	.0		.c	.0	.0	
61-70	.0	.0		.0	.0		.0	
71-86	.0	.0			.c		.č	
67.	.c	.0	.c			.0		
							•••	1620
101 PC1	4.15	50.0	0.1	. *	- n	. 0	100.0	

PEPI	D: (0)	ER-ALI	. 194	9-197	•				TABLE	19											
					PERCEN	T FREO	UENCY L	- WAT	/E HEI	GHT (F	1) VS	MAVE P	ERIOD	ISECON	120						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-55	23-52	26-32	33-40	41-48	*9-6C	61-7C	71-86	27•	JATOT	PEAR PGT
<6	10.1	22.8	12.6	3.9	1.1	.5	•	.2	-1	•	.0	٠.	.0		-0	.0	• 0	.0	.0	2695	2
6-7	. 3	3.2	6.3	4.5	1.9	.7	-4	• 2	.1	•	.0	0	.0	0	.0	.0	•0	.0	.0	913	
8-9	- 1	1.*	2.5	1.5	.9	. •	•2	- 1	- 1	•	•	.0	.0		.0	.0	٠.	-0	.0	378	5
10-11	-0	1.2	. 9	.7	. 3	•2	•	- 1	•	.0		٠.	.0	0	.0	.0	•0	٠.	.c	181	
12-13	.0	.0		. 4	.2	. 1	•	٠.	•	.0	.0	.0	.0	.0			.0	.0	.0	11	•
>13	.0	.0	.0	. 3	.2	•	. 1	•	•	.0	.0	.0	.0		.0			.0	.0	33	Ť
INDET	12.5	2.2	2.4	. 9	• 2	•	-1	•	.0	•	.0	.0	.0	0	.0	.0	.0	.0	.0	966	3
TOTAL	1207	1617	1331	640	248	59	41	33	19	6	2	Č	Ď	Č		0		č	0	5243	•
PCT	23.0	30.8	25.4	12.2	4.7	1.9			. 4	.1		-0	.0		.c		.č	.č	.č	100.0	•

DECEMBER

PERICO - (PPIMARY) 1957-1979 (OVER-ALL) 1861-1979

TABLE 1

AREA 0007 ACAPLLCC SCLTH

DEDCEAT	<b>FRECUENCY</b>	OF	MEATHED	OCCURRENCE		LILC	CIRFCIICA
PEPLENT	THE WOLVE TO T	Ų.	- CAINER	OCCOMPENCE	ς.	-146	-1456

			P	RECIPI	14110	N TYPE					0146	<b>LEATHER</b>	PHENO	HENA	
END DIP	RAIN	RAIN Smbr	ORZŁ	FRZG PCPN	ShOU	OTHER FRZN PCPM	HAIL	PCPN AT	PCPA PAST HQUR	THOR LING	F0G 80 PCPh	FOG LO PCPA PAST +P	SHOKE HAZE	SPRAY BLNG DUST BLNG SACE	NO SIG BEA
	.2	.0	. 1	٠c	.0	.0	.0	•2	.c	1.4	. 3	n	1.1	-1	96.8
NE	.0	. 3	.0	.c	.0	• C	-0	- 3	.2	. 7	.9	-c		.с	97.5
€	. 2	. 2	.0	.0	.0	.0		. 3	.7	. 4	. 5	-0	. 3	• 1	47.7
ŠE	.0	.6		.0	.0	.0	.0	. 9	. 5	.6	. 3	• 0	. 1	. 1	97.5
š	1.2	.0	٠.	.0	.0	.0	.0	1.2	. 3	.8	.0	-0	.c	.0	97.8
Š		.0	. 3	.0	.0	.0		. 4	.4	. 4	1.3	.0	1.3	.0	96.4
	. 1	.2	. 1	.0	.0	.0	• C	. 4	. 3	.5	•	.5	.7	. c	58.1
NH	.1	. 3	. 1	.c		.0	.0	.5	. 3		. 1	.0	. 5	.0	97.8
VAP	.0	.0		.0	.0	.0	٦.	٠ć	.0	.0	.0	-0	٠.	•0	.0
CALM	.1	• 5	.1	.0	.0	-0	- 1	.5	.3	•6	- 1	-0	7.0	. 1	96.4
TOT PCT TOT OBS:	.2 (579	•2	•1	.0	•0	•c	•	.4	.3	.7	. 3	•0		•	97.4

TABLE 2

#### PERCENT FREQUENCY OF MEATHER CCCURRENCE BY HOLR

			ŧ	PECIPI	14110	N TYPE					01+6	<b>WEATHER</b>	PHENC	MENA	
40UP (G=1)	PAIN	RAIN Sher	DRZL	FRZG PCFN	SNOW	OTHER FRZM PCPM	HAIL	PCPA AT OB TIPE	PCPR PAST HOUP	THDR LING	FOG HO PCPN	FOG WO PCPN PAST HR		SPEAY BLWG DUST BLWG SNOW	NO SIG NEA
CCEC3 C6EC9 12E15	.2 .1 .3	.3	.1 .1 .1	.c .c	.0	.c	.0 .0	•5 •7 •5	.1 .2 .6	.C 1.5	.1	.c .c	1.7	.0 .0	98.7 95.9 96.0
16621	.;	ä	.;	.5	.0	.0	.0	. 2	•3	.0	•5	•0		• 2	98.5
161 PCT 101 085:	.2	•2	•1	.c	.0	•0	•	.5	-3	. 8	.3	•0	. 8	•	97.4

.....

#### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUP

		w17	e SPE	ED (KAG	151								<b>⊬CL</b> ₽	(G=1)			
END DIR	0-3	4-10	11-21	22-32	54-47	48-	TOTAL	PCI	HEAR	CO	0.3	06	6.3	12	15	16	21
							085	FREQ	SPD								
	3.3	7.0	.6			.0		10.9	5.6	4.3	6.4	7.4	6.6	17.1	15.4	14.2	17.6
S.E	2.2	5.7	1.1	. 2	. 1	.0		9.3	7.1	5.0	8.6	7.3	6.8	11.8	16.3	12.0	8.5
£	2.0	5.0	1.6	- 1	.5	.0		9.6	7.4	6.0	5.7	8.9	3.7	10.2	1.1	12.5	8.3
ŠE	1.3	2.0	. 6	٠.	.0	.0		4.8	6.2	5.6	5.7	4.4	7.4	3.5	3.1	5.6	3.5
5	1.2	2.4	.2	. c	.0	.0		3.4	5.4	7.3	1.9	3.9	6.8	1.7	1.1	2.5	6.3
54	1.6	3.2	. 2	•	.0	.0		5.0	5.5	10.9	6.0	3.6	9.5	1.9	4.9	3.4	3.9
-	3.7	14.1	2.2		.c	.c		20.1	6.6	35.7	26.4	22.5	24.2	10.7	17.0	12.0	20.2
h =	4.0		1.8		.0	.0		19.2	6.3	13.4	18.3	21.4	20.0	22.5	18.6	19.5	24.8
YAP		.0	·ŏ		.0	.0			.c	0.0	.0	- C		• 0	7.	.0	·c
CALF	17.2	•••		• • •		• • •		17.2	.0	10.9	21.0	20.6	14.7	20.6	14.5	17.9	7.0
TOT CBS	2576	3864	595	32	·	0	7074	• / • •	5.3	1614					179	1879	115
TOT PCT	36.4	54.6	8.4		.i	ě.		100.0					100.0				100.0

			SOFFO	(KNOTS)						ecu:		
WWO 01P	0-6	7-16	17-27		41.	TOTAL	PCT FPEG	MEAN SPD	CC 03	C6	12 15	18 71
٨.	7.9	2.9	.1	•			10.9	5.6	4.5	7.3	16.9	14.4
NE	5.7	3.0	. 5	- 1	•		9.3	7.1	5.2	7.3	12.3	11.8
ε	5.2	3.0	.5	•	.0		9.6	7.4	6.8	8.6	1C-1	12.6
ŠE	3.1	1.7	.1	-0	-0		4.8	6.2	5.6	4.6	3.4	5.5
ŝ	2.7	1.1		.c	.č		3.4	5.4	7.C	4.1	1.7	2.7
Šv	3.5	1.4			.5		5.0	5.5	10.6	3.9	2.2	3.4
	11.9	0.0	.1				20.1	6.6	35.2		11.4	12.5
Ñu	12.0	7.C	.;	.0			19.2	6.3	13.7		22.1	17.8
VAR								••0			3.	о. С
CALP	17.2	••	••		••		17.2		11.5	20.2	19.9	17.2
		2044	107			7074		5.3	1716	1655	1756	1999
101 08S	4854	2053		12	3	1014		7.3				
IOI PCI	69.3	29.0	1.5	.2			100.0		100.0	100-0	100-0	100.0

DECEMBER

PERIOD: (PRIMARY) 1952-1979 (OVER-ALL) 1861-1979

TABLE 4

AREA 0007 ACAPULCO SOUTH

A CALL CONTROL OF THE SECOND S

PERCENTAGE	FREGUENCY	OF	PIND	SPEED	81	HOUR	(CMT)

				WIND	SPEED (	KNOTSI			PCT	1014
HOUR	CALM	1-3	4-10	11-21	22-33	34-47	46+	PEAN	FREO	ces
00603	11.5	16.9	60.4	10.4	.6	. 1	.0	6.1	100.0	1719
Cetca	20.2	17.8	52.5	9.0	. 4	. 1	.0	5.1	100.0	1655
12615	19.9	18.6	55.1	5.9	. 4	- 1	.0		100.0	1706
16621	17.2	22.9	51.C	8.7	.5	. 1			100.0	1994
101	1216	1360	3864	595	33	6		5.3		7074
PCT	17.2	19.2	54.6	8.4	.5	• 1	.č		100.0	•

TAPLE 5

TABLE 6

	CT FPE					E IGHTHS )		:					CEILIN					
			A RIM	DOIREC	TION	HEAR			,	ND 00	CUPREN	CE OF	NH (5/		IND D	PECII	C%	
WNO DIR	0-2	3-4	5-7	CBSCD	TOTAL OBS	CLOUD	CC0 149	15C 299	30C 599	999	1000	3499	3500 4699	5000 6499	65CC 7999	8CCO+	46 45/A	
N.	6.8	2.3	1.2	.4		2.2	•	•	•	.1	. 3	.1	.1		•		10.1	
AE.	5.2	1.9	1.4	. 4		2.5	•	.0	- 1	- 1	• 2	• 2	. 1	•		. 1	8.1	
Ε	5.0	2.1	2.2	.6		3.C	•	.0	•	. 3	. 4	. 3	. 2	. 1	•		8.4	
SE	2.4	1.4	1.1	.2		2.9	•0	.0	•	.1	. 3		. 1		•		4.4	
5	2.1	1.1	.6	.2		2.7	.0	•	.0	.1	. 1	. 1		.0		٠.	3.7	
SW	2.6	1.2		. 4		2.8	• 1	.0	•	.1	. 1	. 1	•		.0		*.6	
	12.8	4.7	2.5	. 6		2.3	•	.0	. 1	.1	. 4	. 2	. 3	•	•0		19.5	
NV	11.3	4.2	2.5	.6		2.3	•	.0	•	.2		. 2	. 2		.1		17.4	
VAR	.0	.0	c			.0	.0		.0		.c		.c	•0		٠ċ		
CALM	10.9	3.3	2.3	. 5		2.1	•	.0	.0	.3	.3		.1	.1			15.9	
101 085	3170	1190	786		5362	2.4	13	.,	13	63	141	74	5 5	- ;;	12	ii	4945	5362
101 PC1	50.1	27.2	18.7	4.5	100.0				. 2	1.6	2 4				-	•		100 0

TABLE 7

## CUMULATIVE PCT FREG OF SIMULTANEOUS OCCUPRENCE OF CEILING MEIGHT (NM >4/8) AND VSBY (NM)

						VSBY (NP	)			
	CI	EILING	= CR	= CR	= OR	= CR	= CP	: OR	= CR	43 :
	-	TECTI	>10	>5	>2	>1	>1/2	>1/4	25010	>0
:	C#	>6500	.5	.5	.5	.5	.5	.5	.5	.5
:	OR	>5000	.7	.7	.7	• 7	.7	. 7	.7	. 7
Ξ	OR	>3500	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7
=	OR	>2000	2.8	3.0	3.0	3.0	3.0	3.0	3.0	3.C
=	OR	>1000	5.1	5.5	5.6	5.6	5.6	5.4	5.6	5.6
:	OR	>600	6.4	7.1	7.1	7.1	7.1	7.1	7.1	7.1
:	OR	>360	6.6	7.3	7.3	7.3	7.4	7.4	7.4	7.4
:	OR	>150	4.6	7.3	7.4	7.4	7.4	7.4	7.4	7.4
:	OR	3 6	4.4	7.5	7.6	7.6	7.6	7.4	7.6	7.6
		TOTAL	377	418	420	42C	422	423	423	425

TOTAL NUMBER OF OBS: 5557

PCT FREG 4H (5/8: 92.4

TABLE 7A

#### PERCENTAGE FREG OF LOW CLOUDS .EIGHTHS!

TOTAL

C 1 2 5 4 5 6 7 8 085CO 085

CECEMBER

CALLES OF STATE OF ST

PERIOD: (PRIMARY) 1952-1979 (OVER-ALL) 1861-1979 FREE DOOT ACAPULCO SOUTH TABLE 8 YSBY (NP) PCP (1/2 NC FCP 101 % 7. 7. 0. 2. .0 \$ .... .... .c .c 000 000 000 000 000 000 000 .c .c PCP 1/201 NO PCP 101 1 PCP 102 NO PCP 101 1 .0.0 .00 ... ... ... .0... .000.000 .... PCP 245 AC PCP 101 3 •: .c .3 .0 .6 • 2 .0 :: 

TABLE 9

									· VS bi		€0		
					FIIH A	apy ing	VALLE	SCF	15181L	114			
YSBY	D42		ME	ε	SE	s	S =		**	YAR	CALP	PCT	TOTAL
(4=)	KIS		-	_				-					COS
	0-3	•	-c	.0	٠c		-6		•	-0	•	•	
(1/2	4-10	•	-0	-0	.0	-C	- 1	•	•	•с		-1	
	11-21	•	•	٠c	٠.	.0	.0	.0	.0	.0		•	
	22+	٠.	•0	.0	• 0	· C	.0	-0	-0	·c		.c	
	101 1	•	•	-6	• 0	•0	-1	•	•	•C	•	• 2	
	0-3	٠.5	.0	.0	٠.5	.с	٠.	. c	-0	٠.		•	
1/201		- 0	-0	.0	٠.0	-0	-0	•	.0	.0		•	
	11-21	•0	40	.0	٠.	٠c	• C	.0	-0	-0		-0	
	22.	•0	-0	4 D	٠.	-0	• C	-0	.0	.0		٠c	
	101 2	.0	•0	- C	•0	•0	• C	•	•0	•0	•	•	
	C-3	*C	•	•	.0	-0	+C	.c	.0	.0		•	
1<2	4-10	٠c	.0	.0	٠.٥	٠.0	.0	•c	٠.0	-0		٠.	
	11-51		٠c	٠0	٠.٤	.0	- 6	40	٠.	-0		٠.۵	
	22*	-0	٠.	٠.	٠.	.0	.0	- 0	40	٠.		٠.	
	101 3	-0	•	•	•0	.0	• 0	- 0	.0	•0	•	•	
	C-3	•	.5	-0	•	.0	•	.0	.0	.0	. 1	. 2	
2<5	4-10	•	•	•	•	•	•	•	·C	.0		. 2	
	11-21	-0	.0	•	•	•0	+0	.0	•0	.0		•	
	22+	•0	•	٠.	.5	•6	-0	.c	٠.	-0		•	
	ICI E	•	•	•	•	•	•	•	.0	·c	•:	. 3	
	0-3	•2	. 3	.2	. 1	•	- 1	. 1	.2	.0	.5	1.7	
5(10		-2	• 2	.2	.2	. 1	•	- 3	. 3	.0		1.4	
	11-21	•	•	. 1	- 1	•	•	.1	- 1	.0		. 5	
	22.	٦.	•	•	.c	.0	-c	•	.0	٠.		- 1	
	101 #	••	••	• 5	.3	• 2	• 2	.5	.6	.0	. 5	3.4	
	0-3	3.1	1.9	1.0	1.2	1.2	1.4	3.6	3.7	.0	16.5	34.3	
10-	4-10	6.4	5.	5.0	2.7	2.3	3.1	13.4	13.1	-0		53.0	
	11-21	. 5	1.0	1.5	- 5	• 2	. 2	2.2	1.7	-0		7.9	
	55.	1	• 2	- 1	.0	.0		•	:	-0		5	
	101 1	10.4	4.6	٠.1	*.*	3.7	4.6	19.€	18.5	.3	16.5	45.7	
	TOT CAS												4553
	101 -01	10.4	4.2	9.7	4.8	3.9	5.0	20.2	14.2	.5	17.1	100.0	

是这种的,我们就是这种的,我们也是是一个人,也是是一个人,也是是一个人,也是是一个人,也是是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人, 第一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一个人,也是一 DECE #8ER

PERIOD: (PPIMARY) 1952-1979 (CVER-ALL) 1861-1979

TABLE 10

APER DGD7 ACAPULCE SCUTH

EPCENT	FREGUENCY	ÇF	CEILI	46	HE IGHT	S IFEET.NH	24/81	241

MOUR (IMI)											101AL	AH (5/A ARY HGT	
COE03	- 1	. 1	- 1	.7	2.6	1.6	1.2	.0	. 3	.1	6.7	92.3	1467
56534	. 3	. 1	•2	2.0	2.2	1.1	.7	.0	.2	. 3	7.2	92.*	1398
12615		.0	.4	1.7	2.4	1.3	.7	. 1	.:	. 3	7.5	92.5	1362
18621	- 1	.0	.2	1.5	2.5	1.1	1.1	.7	.2	.2	7.8	92.2	1609
ter	13	2	1 *	45	143	76	55	14	13	13	424	5429	5856

TABLE 11

TABLE 12

		PEPCENT	FREQUE	CT 4581	(K#)	et +cup		CUMULAT					VSBY IAPI	
40UR (G#1)	<1/2	1/:<1	143	245	5410	10•	TOTAL OBS	#CUR (GPI)	<150 <5040	<600 <1	<1000 <5	1000+ ANO5+	AH (5/8	TOTAL CBS
00603	.0	-1	.c	.2	3.0	96.7	1714	00103	.1	. 3	1.1	5.9	*3.0	1464
06609	.7	.0	-1	.5	4.4	**.3	1699	06609	.3	. 6	3.5	٠.6	92.4	1334
12615	•2	.1	•1	.2	5.6	93.4	1721	12615	.5	٠,	2.7	5.2	92.1	129+
16621	.3	.0	٠.c	.3	2.3	97.1	1986	10651	-1	. 4	2.2	6.2	91.5	1521
101	12	2	2	23	279	6805	7122	101	13	30	124	308 5.5	5175	5557 160-0

TABLE 13

TABLE 14

THE PROPERTY OF THE PROPERTY O

	PERCI	ENT FR	EQUENC	7 OF P	ELATZVI	. 4141	CIIT e	T TEMP				PERC	ENT FR	CUENC	Y 0F H	140 01	PECTIO		{ w p	
									TOTAL	PCI										
16mb L	C-29	30-30	*0-49	50-59	60-64	10-19	8D-64	<b>40-100</b>	CBS	FREC	N	۸E	C	5€	5	54	٠	**	ATD	CALF
95/99	.c			.0	.c	٠.	.0	.c	2	•	-0		٠.	3.	٠.	٠.		٠.	.c	•
90/04	-0	.0	•	-2		•	•	-0	38	. 7	• 2	-1	-1	•	•	•	-1	• 2	.0	•
85,69		•	•	.5	3.7	4.3	1.4	- 3	544	10-3	1.3	.7	1.0		. •		2.0	1.9	.0	1.6
80/84	.0	.c	.2		11.4	35.4	18.3	3.4	3799	69.4	4.6	5.7	6.5	3.3	3.1	3.7	15.3	13.0	.0	12.2
75/79	.0	.0	.0	.1	. 7	6.4	8.7	3.0	1035	18.9	2.7	2.3	2.2	. •	-6	- 5	2.6	3.7	.0	3.3
70/74	.0	.0	. 0	.0	•	- 1	• 2	- 3	34	.6	• 1	- 1	- 1	•	•	- 1	- 1	•	.0	- 1
45/69	.0	.0	.5	.0	.0	•	•	-0	2	•	•0	.0	.c	-0		٠.	- C	•	.0	•
TOTAL	0	2	17	92	643	2532	1564	344	5476	100.0										
PCT	.0	•	- 3	1.6	16.1	46.2	28.6	7.0			15.8	9.0	9.8	5.0	• • •	*.*	20.3	18.8	.с	12.3

TABLE 15

148LE 16

	PEANS.	EXTREM	ES AND	FEPCE	TILES	OF 1E#	P (DE	C F) (	Y MCUR		PEPC	ENT FRE	668464	OF #EL#	TIVE M	.+1C1TY	87 CLF	•
HOUR (GMT)	-41	***	452	501	51	11	PIN	MEAN	TOTAL	40L9 (6 <b>≈</b> 1)	C-20	30-55	46-45	70-79	5C-0¢	4C-1CC	*{**	TC14L CES
00103	94	4.0	46	62	79	7€	6.0	62.2	1754	00103	.0	1.4	22.4	50.2	21.7	3.4	75	1407
CAECO	96	45	83	81	77	74	65	ec.7	1731	34604	- 0	. 8	7.7	47.9	34.4	4.7	76	1460
12615	90		8.3	78	76	72		79.7	1754	12615	-с	.7	1.5	41.8	39.1	12-5		1:70
18621	16	*0		8.2	79	76	45	87.*	205*	18621	.5	4.5	24.4	45.1	20.4	3.4	74	1517
101	96		86	81	77	7.	65	41.4	7295	101	0	113	467	2636	1645	+C3	7.7	5766

0	E	c	E	۰	B	٤	p	

PEPICO: (PPIMAPY) 1952-1976 (OVER-ALL) 1861-1976

TABLE 17

AREA 0007 ACAPULCE SOUTH

THE PROPERTY OF THE PROPERTY O

PCT FRED OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

118-5(A	65 68	69 72	73 76	77 80	81	#5	49	>65	101	FOC	#C FCG
	••			•••	• •	•••	••				
17/15	.0	.0	-0	.0	•	.0	•	. c	2	.0	•
14/16	٠.	.0	٠.	.0	•	- 1	•	.0	7	.c	- 1
11/13	.0	٠.0	٠.	- 1	- 1	- 1	•		23	.c	. 4
9/10	.0	.0	.0	•	. 3	-1	- 1	•	44	•	.7
7/6	.0	.0	.0	- 1	. 5	. 3		.0	72	.с	1.2
ŧ	.0	.0		.2	.2	. 3	- 1	•	51	.c	
5	.0	.0	•	.2	. 6	.5	- 2	٠.	14	.с	1.6
•	.0	.0	•	. 3	1.0	1.1	- 1	.0	154	•	2.5
:	.0	•	.0	.2	. 9	1.4	- 2	.0	161	.c	2.6
2		•	- 1	. 4	3.3	1.8	•	.0	352	•	5.7
1	.0	.0	•		3.8	1.5	.5	-C	367	•	5.9
c	.0	•	•	2.2	9.1	1.4	.0	•	763	•	12.8
- 1	.0	•	. 1	2.3	4.6		-0	•c	729		11.7
-2	.0	•	. 1	4.7	10.2	. 3	• C	-0	946	•	15.2
- 3	.0	•	.7	4.5	6.9	.2	-0	٠.	730	.c	11.4
-4	.c		. 3	6.3	4.5		.c		696	•	11.2
-5	•	•	.2	4.1	2.3		.0	.0	412	٠.	6.7
- e	.0	•	. 3	3.1			.0	-0	268	.0	4.3
-7/-6	.0	•	. 5	2.3	.6	.0	.0	.0	214	.c	3.5
-6/-10	.0	٠.	. 4		. 1	٠.٤	-0	.с	56	.c	. •
-11/-13	.0	•	- 1	- 1	•	٠.	.0	.0	16	٠.	. 3
-14/-16	•	•	.0		.0	٠.	.0	-0	3	.0	•
TOTAL	3		153		3351		69			14	6176
		18		1984		6.04			6192	-	• • •
PCI	•	. 3	2.4	32.0	54.1	9.5	1.1	-1	100.0	• 2	99.8

PERIOD: (CVEP-ALL) 1963-1979

				PC	1 FEEC O	f wind	SPEED 1	KISJ AND DIPE	CTICK V	ERSUS S	E4 mE16	+TS (FT)		
				N.							46			
HGT	1-3	4-10	11-21	22-33	34-47	***	PCT	1-3	4-10	11-21	22-33	34-47	***	rct
<1	1.6	1.9	-1	.0	٠.	.0	3.4	.•	1.7	- 1	.0	.0	٠.	2.7
3-2	1.3	3.7	-2	.0	• E	-0	5.0	. 6	3.0	. 3	.0	-5	٠.	3.8
3-4	- 1	.5	•2	-0	٠.	-0	. •	-1	. 4	. 3	•	٠.	.0	2.3
5-6	.0	. 4	.0	-0	•	.0		-C	•2	-2	- 1	•	-с	.5
,	٠.	٠.	-1	.0		.0	- 1	-0	-1	. 3	.0	٠.	.0	. •
8-9	٠.	. 1	.0	.0		•0	- 1	-6	- 1	- 1	.с	.c	•с	-1
10-11	٠.٢	ء.	-0	.0		٠,	.0	-c	٠.	-1	.1	•t	.0	.1
12	.0	.0	•0	.0	••	-C	-0	-0	.c	-0	.0	.0	.0	.0
13-16	• 17	.0	.0	-C	٠.	-C		.c	.c	. c	. 1	-1	.c	.2
17-19	٠,	.0	.0	.0	٠.	-0	-0	-0	.0	.0	.0	٠.	. c	.0
20-22	- C	.0	.c	.0	٠.	.0	.0	٠.0		-0	.0	.c	٠.	.0
23-25	٠.	٠.	٠.	.0	٠.	•0	-0	-c	-0	٠.	٠.	.c	٠.	٠.
26-32	.5	- 0	.0	.0	• 6	.c	-C	-0	-0	.0	.0	-с	٠.	3.
33-40	-0	٠.	.0	.0	٠.	.0	.0	.5	.0	3.	C	٠.	.0	.c
41-46	.0	3.	.0	.0	• 0	3.	-0	-6	.0	٠.	.5	.c	.c	.c
49-60	.0	.0	.0	.0	• C	.0	-0	.0	.c	.0	.0	.0	.c	.5
61-7C	.c	3.	•0	.0	٠.	-0	-0	-0	.:	.c	.0	.c	-0	.0
71-46	٠.	-c	.0	-0	- •	-0	.0	.5	.0	.c	.с	٦.	-0	.с
87+	·c	- 6	.0	-0	٠.	.0	.0	3.	.0	.c	.0	•с	.0	٠.
101 PC1	2.9	4.5	.7	٠.	- 1	.0	10.1	1.5	5.4	1.3	.3	.2	٠٤	*.3
				E							5.			
#61	1 - 3	4-1C	11-21	22-3;	34-47		PC 1	1-3	4-10	11-71	22-33	34-17	41-	PCT
<1	. •	1.4	.0	٠.	٠.	.0	2.3	-4	. •	- C	.c	٠.	٠.	1.2
1-2	- 1	4.1	.5	••	٠.5	.0	4.7	-2	2.3	. •	-c	.:	.c	2.4
3.4	• ?	1.6		- 1	• • •	.0	2.6	•	.7	. •	.0	.:	.c	1.1
1-6	- 1	- 3		-1	3.	٥.	-t	•¢	- 1	٠.	.:	••	.0	-1
7	-0	-1	- 3	••	٠.	.0	. •	-0	٠.	.c	.5	٠.	-c	.c
4-5	.0	- 1		.0	.¢	.0	-1	•5	-c	3.	-0	٦٠	-0	.0
10-11	.0	.0	.0	.c	٠.٤	.0	-0	.0	.0	٠.	-6	.0	٠.	.c
12	.0	.0	.0	.0	. c	-0	.c	.c	٠.	٦.	.0	٠.	.c	э.
13-16	.c	.0	٠.	.0	٠.	-6	٠.	-0	-5	.0	٠.	.c	-c	.c
17-19	-5	٠.	-0	•6	٠.	.0		-C		ъс	٥.	٠.	.c	.c
20-22	٠.	٠.	.0	.5	٠.	-0	-0	-0	-0	.с	.0	٠.	.с	.c
23-25	.0	.0	.0	٠.	٠٤	-6	.0	-0	٠.	•c	.c	.0	.0	3.
24-32	٠.	.c	-0	.0	٠.٤	.0	•0	-5	.0	.c	.c	-c	.c	. c
33-40	٠.	.0	.c	.0	•¢	-0	-0	-5	.c	э.	-0	.c	-0	.c
41-48	.с		.0	.0	٠.	-6	٠.	.0	٠.	.0	٠.	٠.	٠.	
49-60	.0	.0	.0	.6	•с	.0	-0	.0	٠.	7.		.0	.с	.c
41-7C	-0	.0	.0	.5	٠.	-0	-0	٠.٥	.0	.0	.0		.0	٠.
71-86	-c	.0	•€	.5	٠.	-0	•0	.c	.0	.0	-0	.¢	.0	.0
e7-	.0	3.	.c	.0	٠.	-0	٠٤	-5			.0	.c	٠.	.0
TOT PET	1.3	2.7	1.9			.0	11.C	1.1	3.5			.0	.c	5.4

								0	CEPBER				AREA			CO SCUTH
PERIOD:	ICAE	(-1LL)	1463-1	474				TABLE	18 (CCNT)				ANTA	15.		.96
				PC	I FREC C	FEIND	SPEED	(KTS)	AND DIREC	110N V	ERSUS S	EA HEIG	MTS (FI)			
				\$								56	34-47	44.	PCI	
HGT	1-3	4-10	11-51	22-33	34-47	48:	PCS		1-3	4-10	11-21	22-35	.0		1.2	
1-2	.7	2.0	٠.	.0	.c	.0	1.6		.3	2.9	•1	0.			3.5	
3-4		2.0	• l	.0			2.5		.1	2.7			.0			
5-6	.ŏ	:;	:0	.0	:č	:6	::		.0	::	:6	:6	ě	:0	.;	
77	.0	:ô		.0			::		.0	::		.0	:č	.č	:ċ	
4-9		::				ů.			:0				.č	::		
10-11													.c	3.		
12	.0	::		.0		.0	:0		:6		:0	:6			.0	
13-16	ě	::		.0					•0		.0			.c	.0	
17-19	.č		.0	.0									.č	.c	.c	
20-22	.c										3.		.č			
23-25		٥.		.0	3.	.0			•0	.0	3.	.c	, e		.c	
26-32	.0		.0	.0	. č	.0			-6	.0		.c	.c	.0		
33-40	.0		.0	.c	3.	.0	.0		.0	.0	0	.0	.0	.0	.0	
41-46	.0		.0	.0		.0	.0		.0	.0	٥.	.0	-0	.0	-0	
47-60	.0	.0	.0	.0	· c	.0	.0		.0	.0	• • •	.c	.c	.ċ	.0	
61-70	.0	.5	.0	.0	٠.	. 0		3	.0	.0		-6	-c	.c	.0	
71-86	.0	2.	.0	.0	3.	.0		:	.0	.0	.1	-0	-0	-0	-0	
87+	.0		.0	.0	٠.	.0		2	.0	.0	.0	.0	• 0	-C	-0	
TOT PCT	1.1	3.4	-1	.0	.c	.0	*.*	•	1.2	4.2	-1	.0	.0	.0	5.5	
												N.W				TOTAL
HET	1-3	4-10	11-21	22-33	34-47	46+	PCT	r	1-3	4-10	11-21	22-33	34-47	48+	PCT	PC1
(1	1.0	3.9	.0	.0	0	.0	4.4		2.6	4.0	.0	.0	.c	.0	6.7	
1-2	1.9	8.0		.0	•0	.0	10.4	6	.7	6.7	1.3	.c	.0	.с	8.7	
3-4	•2	2.2	1.3	-1	٠.٤	.0	3.1	7	-1	2.0		•	.c	.0	2.9	
5-6	.0			-0	٠.	.0		•	-0	.5	- 1	.c	•0	• C		
7	-0	.0	-0	.0	٠.	.0			.0	-1	.0	.0	-c	.0	-:	
1-4	.0	.0	.0	.0	٠.	.0	٠.		.0	.0	.0	.0	•c	•0		
10-11	.0	.0	.0	-0	٠.	.0	٠.		.5	.5	٠٤	٠.	.:	.0	٠.5	
12	٠.	٠.	•0	.0	.:	.0	.0		-0	٠.	٠.	٥.	.0	.0	.0	
13-14	.0	٠.	•0	.0	٠.	.0			•0	-0	•0	٥.	-0	.0	٠.	
17-19	.0	- 6	.0	.0	٠.	.0			•0	•C	.0	.0	•0	٠.	•0	
20-22	•0		•0	.0	٠.	•0			•0	.0	.0	٠.	.c	·c	.c	
23-25	-9	.0	·c	.0	.0	•0			•0	•0	.0	۰.	.0	••	.0	
26-32	-0	.c	•0	.0	٠.	•0			-0	.0	٠.	.0	٠.	٠.	-c	
33-40	-0	٥.	.0	-0	٥.	.0	• 6		•0	.0	.0	.c	•0	.0	٠.	
41-48	•9	٥.	•0	.0	٠.	.0			•0	.0	•c	٠.	.с		.c	
49-60	٠.	.0	.0	.0	۶٠.	-0			.0	٠.	.0	٠.	٠.	-0	٠.	
61-70	٠.	٠.	•0	•0	٠.	-0	٠.		٠.	•0	.0	.c	.c	.c		
71-66	٠.	٠.	-0	-0	٠,	.0	٠,		•0	.0	•0	.c	3.	-0		
87+	0	-0		•0	٠.	•0			0		0				14.6	49.4
101 PC1	3-0	14	2.4	.1	٠.	-0	20.0	U	3.4	13.4	2.0	•	• • •		,	

	WIND	SPEED	(#15)	WS SEA	HEIGHT	(FT)		
HG1	0-3	9-10	11-21	22-33	34-47	48+	<b>*</b> C1	101
<1	24.8	14.7	.2	.0	.0	.0	39.7	•••
1-2	4.4	32.1	3.4				42.3	
3-4	• • • • • • • • • • • • • • • • • • • •	7	3.4				13.0	
5-6	-1	1.0	1-1	-1	-1	٠.	3.3	
7	-0	- 3	- • •	-1			.,	
8-9	-C	•2	- 1	.0			. 4	
10-11	.0	.0	-1	-1	-0	-0	•2	
12	.0	.0	.0	.c		.0	٠.	
13-16	.0	-0	-0	-1	-1	.0	.2	
17-19	.0	.6	٠.6	.0		.0	-0	
25-22	.0		-0	.0	-0	.0	.0	
25-75	-0	.5	.c	.0	.0	٠.	.0	
24-32	.0	•0	.c		.c	.0	.0	
33-4C	. 7		.0				.0	
41-46			3.				.č	
49-60		::						
61-7E	-0	.0	.0					
71-86	٠.	-0	-0				-0	
87-	-0	-C	-0	• 2	-0	.с	-0	
								1413

P[4R +GT 2 4 4 7 1 (1 1-2 3-6 11.7 26.3 12.7 -6 3.1 5.6 -1 1.2 2.1 -0 1.1 .6 -0 .0 .6 -0 .0 .6 17.0 2.3 2.2 1366 1521 1125 29-2 32.0 23.7 TOTAL 2555 649 283 129 53 28 1057 4754 100-0 4-9 .9 .5 .0 .1 .1 .7 1.6 12 : .......... 3-6 2-9 1-6 -5 -3 -9 -5 -9 -16 .......... .......... .......... ...... .00.00001 000000000 .......... 1.C .0 .4 .2 .1 .1 .1 .1 .1 .1

PERICO: (PRIMARY) 1952-1979 (OYER-ALL) 1861-1979

TABLE 1

AREA COOF ACAPULCO SOUTH

FECTINT F	RECLERCY	CF	MFATHER	CCCURRENCE	Á٧	MIND	DIRECTION

			P	RECIPI	TATIO	4 TYPE					01HER	<b>LEATHER</b>	PHENC	MENA	
WAD DIR	PAIN	RAIN Sher	CRZL	FRZG PCPN	SNOL	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPR PAST HOUP	THOR	F06 60 PCP4	FOC WO PCPH PASI HR		SPRAY BLUG DUST BLUG SACU	
N	1.7	.7		.c	.0	٠.	•	3.1	1.3	3.4	.2	.0	1.9	•	46.3
ME	2.9	1.2		.0	.0	.0	•	4.9	2.3	3.4	. 4	.0	2.0	•	26.7
€	4.3	1.8	1.2	.0	.0	.0	•	7.3	3.0	3.2	.2	.0	1.7	-1	84.8
\$C	3.8	2.0	1.0	.0	.0	.0	.0	6.7	3.0	3.2	.2	.0	1.7	•	05.5
S	2.9	1.4	.,	.0	.0	.0	. 1	5.3	2.3	3.2	- 1	٠.	1.9	.0	87.4
Šw	2.8	1.2	. ,	.0				4.4	2.0	2.6	. 3	•	2.2	•	44.2
Ú	1.4	. 7	.5	-9	.c	.0	•	2.6	1.3	2.5	.2	•	1.7	•	41.7
ĀV	1.2	. 7	.5	.0		.0	•	2.3	1.0	2.0	.2	.0	1.5	•	42.2
VAR	.0	.0	٠.	.0	.0		.0	.0	•6	-0	٠.	.0	.0	.c	-0
CALF		.5	. 3	-0	.0	.0	•	1.2	.7	3.7	•2	•	3.8	•	90.2
101 PC1	2.1	1.1	.7	.0	٠.	.0	•	3.8	1.7	2.9	•2	•	2.0	•	49.5

#### \*\*\*\*\* \*

#### PERCENT FREQUENCY OF MEATHER OCCURRENCE BY HOLR

			•	RECIPI	TATIO	L 11PE					01HEP	BEATHER	PHEND	MENA	
#0uR (G=1)	BYIM	RAIN SHER	DRZL	FRZG PCPH	2808	OTHER FRZN PCPN	HAIL	PCPN AT OB TIPE	PCPN PAST HCLP	THOR LTAG	FOS WO PCPA	FOG WO PCPM PAST HP		SPRAY BLUG SUST BLUG SUCL	
00103	1.3	.7	.5	.0	.0	.0	•	2.4	1.1	.6	• 2	•	1.9	•	93.9
66509	2.6	1.4		.c	.0	.c	•	4.7	2.1	7.6	-2	.0	1.6	-1	64.0
12615	3.1	1.5	1.1	.0	.0	-0	•	5.7	2.2	4.1	- 3	•	1.9	•	46.1
18851	1.6		•	-0	.0	.0	•	2.6	1.5	.3	-2	.0	2.4	•	92.9
101 PCT	2.1	1-1	.7	.0	.0	.c	•	3.4	1.7	3.0	.2	•	1.9	•	

#### TABLE 3

#### PERCENTAGE PREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		wie	D SPE	-	151								HOLR	(GMT)			
WAD DIR	0-3	4-10	11-21	22-33	34-47	48.	TOTAL	PCT	MEAN	60	03	C4	Ce	12	15	18	21
							085	FREG	SPO								
*	2.1	5.4	.,	•	•	•		1.2	6.2	3.3	3.4	4.6	4.8	13.5	10.4		9.1
4E	1.2	4.0		. 1	•	•		6.1	7.2	3.0	4.9	5.3	5.C	8.2	7.5	7.1	7.0
ŧ	1.3	5.1	2.2		.1	•		9.1	4.8	6-1	6.2		6.4	10.4	10.1	11.C	8.3
šE	1.1	4.0	1.7		.1	•		7.2	8.2	8-3	7.5	7.4	8.1	5.1	5.*	7.4	7.6
Š	1.0	2.9	. 7	-1	•	•		4.7	4.8	7.6	6.2	4.8	6.5	2.5	2.6	3.9	4.7
ŠĿ	1.4	4.1	.,	. 1	•	•		7.2	6.9	13.6	10.6	6.5	10.6	3.1	5.C	5.2	7.9
	3.5	17.4	4.9	. 2	•			26.0	7.9	30.4	33.6	26.9	3C.1	17.1	21.4	21-1	25.5
A.M	3.0	13.4	2.9	- 1	•	•		19.4	7.4	12-6	16.0	17.5	18.4	24.9	25.6	21.5	22.7
YAR				3.	.0	.0		.0	.c	.0	.0	.с	ъс.		.0	٠.	.0
CALM	17.0							12.0	-0	6.7	11.6	15.5	4.4	14.3	1.5	12-6	4.9
TOT CBS							9*517		4.4	22690	1683	21390	1514	21223	2494	25529	1842
TOT PCT	26.6	57.0	14.8	1. 2	•2	•		100.0				100-0	100.0	100.0	10C.C	100.0	100.0

146LE 34

		WIND	SPEED	*KNOTS!						HCUI	(SPT	,
F#0 018	0-6		17-21		41.	TOTAL	PCT FREQ	HEAR SPD	CC CC	0.0	12 15	18 21
*	5.3	2.6	-1				4.2	6.2	3.3	4.5	13.2	1.7
ME	3.5	2.3		•	•		4-1	7.2	3.1	5.3	8.1	7.1
ŧ	3.9	4.1		-2	•		9.1	4.4	6.1	8.7	10.4	10-4
šε	3.2	3.2	.7	.1			7.2	0.2	0.3	7.6	5.2	7.8
š	2.7	1.4		-	•		4.7	4.1	7.5	4.9	2.5	9.0
5%	4.1	2.9	.2	•			7.2	4.9	13.4	4.4	3.4	5.4
ű	11.9	13.1		•			26.0	7.9	30.4		17.6	21.4
ÄW		9.1		•			19.4	7.4	12.8	18.0	24.9	21.6
ATE				-0	ء.			ъ.с		.0		.c
CALM	12.0	•••	•••		•••		12-0	.0	7.1			12.3
101 085						98517		4.4		22854		
								•••		100.0		

SANUAL

PERIOD: (PRIMARY) 1952-1976 (CYER-ALL) 1961-1979

TABLE .

AREA COOR ACAPLLEC SOLTH

PERCENTAGE	FRECUENCY	OF HIND	2924C	 MCLR	15411

				W140	SPEED I	BACTSI			PCT	TOTAL
HCUR	CALP	1-3	4-10	11-71	22-33	34-47	48+	<b>PE 14</b>	LAEC	065
00603	7.1	12.4	40.0	14.6	1.5	•2		7.7	100.0	2+373
06469	15.1	13.0	55.4	14.6	1.2	.2	•	4.4	IfC.C	22454
12615	13.7	15.0	57.4	17.4	1.2	. 2	•	6.4	100.0	23416
18621	12.3	17.6	55.2	13.2	1.4	-2	•	6.5	100.0	27271
101										98517
PCT	12.0	14.6	57.0	14.6	1.3	.2	•		:00.0	

TABLE 5

TABLE &

	PC1 F#8					(£ 16+1+5)							CEILIA					
			ea mive	D DIREC	TICA					FPD GC	(000[	CE CF	AH (5/		IND C	RECCII	C &	
						<b>≈€ 4%</b>												
Pad Dib	0-2	2-4	5-7		1015L	CFORD	222	150	30C	*CC	1000	2000	3500	5000	4466	ecco-	Mr (5/8	TCTAL
				CBSCD	085	COACH	149	299	544	***	1000	3499	4554		7444		464 HST	CBS
N	4.C	1-6	1.0			3.4	•		-1	. 3		.2	- 1				7.2	
A.E	2.4	1.2	1.5			3.4	•	•	- 1	. 3		.2	.1	•	•		4.5	
£	2.5	1.7	2.4	2.0		4.2	- 1	- 1	.2	7	1.0		.2	-1	•		4.3	
5€	1.6	1.4	2.5	1.7		4.2	• 1	-1	.2	.7			. 1	-1	•		4.6	
Š	1.3	1.0	1.5			3.4	•	•	.1	.3	.5	. 2					2.5	
Š¥	2.6	1-5	2.0	1.0		3.7	-1	•	.1		.5	.7					5.4	
M .	12.4	5.8	5.7	2.2		3.3	• 1	•	.2		1.3			-1	- 1	- 3		
N.W	1.4	9.3	3.0	1.4		3.2	•	•	. 1	- 5				. i	-1	• 1		
YAR	.0	.0		.0		.0	-6	.0			.c		.c	-0	3.		٠. د	
CALM	4.4	2.5	2.4	.,		3.0		•	•	.,	.5		.1			.;	10.0	
TOT COS	***	•••		• • •	75132	3.5				• • •		••				•••		75132
101 PC1	92.9	21.3	24.4	11.4	100.0		-5	.3	1.0	4.3	4.3	2.7	1.2				87.6	100.0

TABLE ?

# CUMULATIVE PCT FREG OF SIMULTAREOUS OCCURRENCE OF CEILING MEIGHT INM SAVEY AND VIEW INMI

					4254 (#4	')			
•	Ellins	: C#	: 65	: C#	= <*	: 3*	2 08	: 08	: c*
•	FEETS	>10	>5	>2	>1	>1/2	>1/4	35045	3¢
: 01	>6500	-5			- 4			- •	-6
: 04	35000	.9	1.0	1-0	1.5	1.0	1.0	1.0	3.0
: 01	>3500	1.4	4.1	2-2	2.2	2.2	2.2	2.2	2.2
: 01	>2000	4.3	4.6	+	4.9	4.4	3.9	4.4	
2 01	22214	1.4	10.8	11.1	11-1	11-1	11.1	11.2	11-2
: 01	2344	12.4	14.8	15.3	15.4	15.4	15.4	15.0	15.4
: 01	>300	12.4	15.6	14-2	14.3	16.4	14-4	16.4	16-5
= 01	>15C	13.0	15.8	15.4	16.6	14.4	25.7	16.7	14-7
: 04	) C	13.2	14.2	16.8	17-1	17.1	17.2	17.2	17.2

TGTAL NUMBER OF CBS: 77364

PCT FREC SH (5/8: 82-8

745-1 74

#### PERCENTIAL FREE OF LOW CLOUDS RETSHINST

1CTAL 0 1 2 3 4 5 6 7 8 001CC C05 22-6 21-2 18-0 12-6 8-0 4-5 4-9 3-3 5-1 -3 61772

L	٠	

disamentur merengi nerkilin dibin kebatar dikaban salah bin merekin mengan mengan ban dibin kebatan separa pa

-talco: (balarat) 14							14	er( e				426		ACRFULCE SGLT+ 5.74 48.90
		•	EFCENI						UE9646  4LL65				LE 41	
15E7 (4P)		•	<b>\$</b> {	£	\$6	5	\$4	٠	**	*15	CAL-	FÇI	10146	
	P ( b	•	•	•	•	•	•	•	•	.c	•	- 2		
<1/2	45 550	•	•	•	•	•	•	•	•	2. 2. 3.	•	•		
	101 1	•	•	•	•	•	•	•	•	.5	•	-1		
	FCP	•	•	•	•	•	•	•	•	.0	•	. 1		
1/2<1	NO PEP	•	•	•	•	٠.	•	•	•	.:	.:	•		
	131 2	•	•	•	•	•	•	•	•	••	•	- 1		
	550	•	•	-1	•	•	•	•	•	; ).	•	.2		
145	NO PCP	•	•	•	•	•	•	:	•	.0	•	::		
	101 1	•	•	-1	-1	•	•	•	•	٠.	•	• ?		
	424	•	•	-1	•1 •1 •2	- 1		- 2	•	3.	•	• 1		
245	40 PCF	•	•	-1	- 1	.;	.;	-1	-:	3.	•	٠,٠		
	101 5	•:	•:	•2	•2	-1	• :	.:	-1	٠.	•	1-:		
	PÇP	.:	- 1	- 3	-2	-1	-1	.2	-2	٠.	•	1.4		
5<10	NO PER		. •		- •	. 3	٠.	1.3	1.5	.0	- 4	4.0		
	161 5	.5	• 5	1.5	- 4	•5	••	1.5	:-2	.t	- 7	7.4		
	PcP	. 1	. 1	. 3	•2	-1	- 1	- 3		٠.		1.5		
10-	10 PCP	7.4		7.5		*.0			34-5		10.4			
	101 1	7.7	:	7.6	4-2	4-1	5.4	24-3	:*-2	.0	11.0	٠,		
,	141 C95												\$1435	

....

			1						::51 <b>8</b> ][		to		
7587 [ <b>5</b> 7]	SPD	*	*6	ť	3.0	3	5-	•	**	444	CALP	PEI	TCTAL CPS
	6-3	•	•	•	•	٠.:	•	•	•	.c	•	•	
(1/2	4-15	•	•	•	•	•	•	•	•	.c		-1	
	11-21	•	•	•	•	•	•	•	•			•	
	22.	•	•	•	•	•	•	•	•	.5		-1	
	161 2	•	•	•	•	•	•	•	•	٦.	•	:1	
	2-3	.:	•	•	•	.5	•	-5	٠.	.:	•	•	
1/2(1	4-17	•	•	•	•	•	•	•	•	.=		•	
	:1-21	•	•	•	•	•	•	•	•			•	
	23-	•	•	•	•	•	•	•	•	٦.		•	
	1:: 1	•	•	•	•	•	•	•	•	2.	•	- 2	
	2-3	•	•	•	•	٠.	٠.	•	•	.0	•	•	
:<2	4 - 1 -	•	•	•	•	•	•	•	•	.:		-1	
	11-51	•	•	•	•	•	•	•	•	.c		-1	
	27-	•	•	•	•	•	•	•	•	-=		-1	
	157 2	•	•	-1	-1	•	•	•	•	.:	•	- 3	
	2-3	•	•		٠	•	•	•	•	.:	.:	-1	
245	4-12	•	- 2	-1	- 1	•	•	-1	-1	.:		.5	
	11-21	•	•	-1	-1	•	•	-1	•				
	22-	•	•	-1	•	•	•	•	•	-=		-2	
	161 1	•:	-1	-:	-3	-1	-1	• • •	-1	٠:	•:	1-3	
	2-3	-1	-:	-1	- 2	-1	- 1	• • •	-2	٠.	. ?	1.5	
SCIC	4-12	• 3	- 3	- •	- •	- 3	- •		.7	.:		3-4	
	11-71	-1	- 1	- •	- 3	- 2	- 1	- 2	-:	.:		1.7	
	22.	•	•	-2	- 1	•	•	- 1	•	٠.			
	151 1	-5	- 5	1.5	٠.	٠,	٠.	1-1	1-1	.c	.7	7.3	
	2-3	2-5	1-1	1-2	1.5		1.3	3-2	2.0	٠:	11.7	:4.4	
::-	4-1C	5-0	3-6		3-4	2.4	• • •	:4	12.0	٠:		52.8	
	11-21	• •	- 6	1.2	:-3	-5	.7	••5	2.7	.:		12-6	
	52.	•	-1	- 3	-7	•	•	-1	-1	٠.		- 1	
	161 2	7.7	5.4	7.7	4-I	•-:	•••	?•.>	10-1	٠.	:1.2	45.4	
	e: ets												45473

ANNUAL

PERIODI	PRIMARY	1952-1979
	(OVER-ALL)	1661-1979

TABLE 10

APE# 0007 ACAPULCO SOUTH

terrorises the track of the second sections are a second or the second s

PERCENT	FREQUENCY O	of CE	LING	<b>MEIGHTS</b>	IFEET .NH	24/61	AND
	CCCUP!	37W36	OF M	W / C / C & Y	MANO		

HOUR (GPT)	199	150 299	300 599						6500 7999		10141	NH C5/8 ANY HGT	
00603	. 3	•2	. 7	3.2	5.1	2 • 5	1.0	.4	. 3	. 3	13.9	86.1	20672
90340		• 2	1.1	4.6	6.6	2.0	1.1	٠3	. 2	. 3	16.1	81.9	18552
12615	. 6	. 3	1.4	5.4	7.2	2.0	1.2		.2	.4	19.8	40.2	19239
16621	.4	. 3	.8	3.5	5.5	2.4	1.3	. 4	. 3	. 3	15.2	84.8	22245
TOT	.5	•2	1.0	4.1	6.0	2.6	1.2	. 4	.2	.3	16.6	83.4	80708

TABLE 11

TABLE 12

		PERCENT	FREQUE	CY V581	(NH)	8Y HOUP		CUMULAT					VSBY (AM) 1.84 HCUR	AND/OR
HOUR (GHT)	<1/2	1/2(1	1<5	2<5	5<10	10+	TOTAL OBS	POUR (GMT)	<150 <5010	(600 (1	<1000 <5	1000 •	NH CL/8 AND 5+	TCTAL OPS
00603	•2	.1	•2	.9	5.3	93.3	24210	00£03	. 3	1.3	5.0	9.7	85.4	19835
90340	•5	- 1	.3	1.4	8.7	89.2	23252	90340		2.3	7.7	11.5	80.9	17767
12615	•2	•1	•5	1.7	9.4	48.1	24012	12615		2.5	8.8	12.C	79.2	18478
18651	.2	.1	.3	1.1	6.1	92.2	27500	18621	. 4	1.6	5.6	10.3	84.0	21349
TOT PCT	.2	•1	.3	1.3	7.3	90.8	98974 100.0	TOT PCT	.5	1.9	6.7	10.8	82.5	77364

TABLE 13

TABLE 14

	PERC	ENT FR	EQ"ENC	Y OF R	CLATIV	HLM11	DITY e	7 TEMP				PERC	ENT FR	EQUENC	Y OF W	IND DI	RECTIO	A 87 T	EMP	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL	PCT FREQ	N	NE	E	se	s	Sw	W	Nh	VAR	CALH
95/99	,n							•0		. 1									.0	
90/94		•0		3	1.1	.5	. 1	**		2.1	2		• 2	.1	. 1	. 1			.0	• 2
85/89	.0				4.6	11.0	2.9	.5		19.6	1.3	. 9	1.5	1.5	1.0	1.6	5.7	3.8	.0	
40/44	•0		1	5	6.4	28.4	22.6	3.8		61.9	5.1	3.7	5.6	4.4	2.9	4.4	16.3	11.0	•0	7.7
75/79	.0	-0		1	. 6	4.4	6.6	4.1		15.7	1.6	1.3	1.9	1.1	.7	. 9	3.3	3.0	.0	2.0
70/74	.0			.0	•	. 1	. 2	. 3		.6	•1	.1	.1	•	•		.1	.1	.0	.1
45/49	.0			0		•	•	•		•	•	•	.0	.0	٠.	.0	.0	•	•0	
TOTAL									76846	100.0										
PCT	.0		• • •	1.2	13.0	44.5	32.4	6.4			8.4	6.1	9.2	7.2	4.7	7.0	26.0	19.2	•0	12.2

TABLE 15

				rencen		V' 1C'	,, ,,,,		
HOUR	HAX	992	951	501	51	11	HIN	HEAN	TOTAL
(GHT)									OBS
00103	97	90	8.8	83	79	76	6.	P 5 . 4	24738
40300	97	86	84	01	78	75	65	41.4	23453
12615	96	85	84	81	74	74	67	80.5	24134
18621	94	92	89	84	79	76	64	83.9	27916
7.07				• •	**				

	PEPE		GCENCY	OF MEEN	ITAE M	DELOTIT	81 HOU	ĸ
HOUR (GFT)	0-29	30-59	60-69	70-79	80-89	90-100	HEAN	TOTAL
00663	.0	1.4	17.3	51.3	24.5	5.5	76	19962
90300	•с	•\$	6.0	42.0	41.1	10.5	80	19008
12615	•с		4.4	35.3	45.4	14.5	82	19236
18621	.0	2.9	22.6	48.8	20.3	5.4	75	21312
701		1047	10003	76367	20.004	3100	7.6	10160

P[R]CO- (PP]PARY) 1952-1979 (OVER-ALL) 1861-1979 TABLE 17 APEA COOT ACAPLLCC SOUTH

100.0

								•					•
PCT FREQ OF	AIR	TEMP								F FOG (*1	1+601	PRECIPITATION	ŀ
AIP-SEA	ŧ1	65	64	73	77	81	85	69	>92	101		WO	
IMP DIF	64	68	72	76	80		8.8	97			FOG	FOG	
17/19	•0	.0	.c	.0	. c	•	•		•	ė	.c	•	
14/16	.0	.0	.0	.0	.0	•	•	•	•	58	٠.	.1	
11/13	.0	•0	.0	.0	•	- 1	. 1	•	. 1	204	• C	•2	
9/10	.0	.0	.0	.0	•	. 1	- 1	. 1	. 1	363	•	.4	
7/8	٠0	.0	.0		. 1	. 2	. 3	. 4	- 1	963	.0	1.1	
ŧ	.0	.0	.0	٠	- 1	. 2	. 3	. 3	•	805	•	.9	
5	.0	• 0	. 0		. 1	. 4	. 7	. 5	•	1519	•	1.8	
4	.0	.0	.0	•	. 1	. 8	1.2	. 5	•	2358	•	2.7	
3	.0	.0			.2	. 8	1.6	. 4	•	2603	•	3.0	
2	.0	.0	•		. 4	2.7	2.7	. 3	•	5251	•	6.1	
1	. C	.0	•	•	.5	3.1	2.8	. 1	•	5602	•	6.5	
Ċ	٠.0	-0		- 1	1.4	8.1	3.5	. 1	•	11325	•	13.:	
-1	•0	.0	•	- 1	1.7	7.9	2.4		.0	10444	•	12.1	
-2	.0	.0		. 1	3.3	10.4	1.3	•	.0	13064	•	15.1	
- 3	.0	.0	•	. 1	3.3	6.8	. 6	•	-0	9392	•	10.9	
-4	.0	.0		. 3	4.1	5.4	. 3	•	-0	8702	•	10.1	
-5	•0	•	•	. 3	3.2	2.9	.2	.0	.0	5633	•	6.5	
- t	•C	-0		. 3	2.3	1.1	•		.0	3275	•	3.8	
-7/-8	.0	•0	•	. 6	2.3	. 7	•	- C	.0	3178	•	3.6	
-9/-1C	-0			.5	.6	. 1	•	. c	.0	1101	•	1.3	

PERIOD: (OVER-ALL) 1963-1979

TABLE 18

.1 2.6 23.8 52.0 16.1 2.9 .3

				PC	T FFEC O	F WIND	SPEED IKT	S) AND DIREC	TION V	ERSUS S	EA HEIG	HTS (FT)		
				N							NE			
HGT	1-3	4-10	11-21	22-33	34-47	484	PCT	1 - 3	4-10	11-21	22-33	34-47	48+	PCT
<1	1.0	1.6		.0	• C	.0	7.7	. 6	1.1	•	•	• C	.0	1.7
1-2	.6	3.1	. 2	-0	• C	.0	3.9	. 3	2.1	.2	.0	٠,	•0	2.6
3-4	. 1	. 6	. 3	•	•с	.0	1.2	-1	. 8	. 3	•	•0	.0	1.2
5-6	•0	• 2	- 1	•	•	.0	• 3		•1	• ?		•	.0	.4
7	.0	•		•	• C	.0	• 1	•0	•	- 1	•	.0	.0	- 1
8 9	.0	•	•	.0	٠.	.0	•	•0	•	•	•	•	.c	•
10-11	٠.	.0	•	.0	٠.	.0	•	.0	٠.	•	•	.0	.0	•
12	.0	.0	.с	.0	٠.	.0	•0	•0	-0	•	·c	•	.0	•
13-16	.0	.0	•	•	.0	.0	•	•0	.0	·C	•	•	•0	•
17-19	• 5	.0	.0	.0	. c	٠.	•3	•0	.0	.0	•	٠.	.0	•
20-22	.0	•0	-C	.0	.c	.0	.0	•0	.0	-0	.0	.0	.c	٠.
23-25	.0	.0	.0	-0	٠.	.0	-0	•0	.0	.0	٠.	٠.	•0	•с
26-32	•0	.0	.0	.0	.:	.с	•0	•0	.0	.0	.0	•5	.0	•с
33-40	.0	.0	•0	-6	٠.	.0	•C	. າ	.0	.c	.0	•:	.0	•0
41-48	.0	.0	.0	•0	.c	•0	-0	-0	•0	•0	-0	.n	.с	.0
49-6C	.0	.c	.0	.0	٠.	٠.	•0	-0	.0	.0	•C	.0	.0	•0
61-7C	•0	.0	.0	-0	. c	.0	•0	.0	٠.		•C	٠,	•0	.c
71-86	.0	.0	.c	.0	٠. ت	.0	٠.	٠.٤	.c	a	٠c	٠٤	-0	.0
87.	• C	.0	.0	-0	. C	.0	•0	•0	•C	٠.	.0	٠.	.0	-0
TOT PCT	1.7	5.7		•	•	.0	8 • 2	1.0	4.1	. 9	. 1	•	.0	6.1
				E							SE			
HGT	1-3	4-10	11-21	22-33	34-47	44.	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
(1	.6	1.1	•		. c	.0	1.7			•	-0	.0	-0	1.3
1-2	. 3	• • • •	.6	.0		.0	3.5		2.2	. 4	•		٠ċ	3.0
3-4	ii		1.1		. č	•0	2 . 3	.1	. 9	. 8	•	.0	.0	1.8
5-6	•	• 2	. 6	.1	•	.0	1.0	•	. 2	.5	.1	•	.0	. 8
7	.0	.1	. 3	-1	. c	.0	• 5	•0	. 1	. 2	. 1	•	.0	. 3
4-9	9.	•	.1	.1	•	.0	• 2	.0	•	.1	•	•	-0	- 1
10-11													_	. 1
12	-0	.0		- 1	•				.0	•	•	•		
13-16	•0	.0	:	•1	:		٠į	.0	.0	:	:	•0	3.	*:
17-19	•0					•	• 1	.0		•			.0	
20-22	9.	.0	:	:		.0	- 1	.0	•0	.0	:	•0	.0	•
23-25	9.	.0	•	.0		.0	•1	.0	•0	.0		•0	.0	:
	.0 .0 .0	.0	.0 .c	.0		.0 .0	•1	.0	.0	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•0	.0	.0
	00000	.0	.0 .0	.0	.00	.0	•1	.0	.0	• • • • • • • • • • • • • • • • • • • •	.0	•0	.0 .0 .0	•
26-32 33-40	000000	.0.0.0	.0	.0	.0	.0	•1 •1 •0 •0	.0	.0	• • • • • • • • • • • • • • • • • • • •	.0	0.0	.0	• • • • • • • • • • • • • • • • • • • •
26-32 33-40		.00.00	.0.0.0	.0	• • • • • • • • • • • • • • • • • • • •	.0	•1 •1 •0 •0	.0	.0	• • • • • • • • • • • • • • • • • • • •	.0	.0.00.00		•
26-32 33-40 41-48	00000000	.00000000	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	.00000000000000000000000000000000000000	•1 •1 •0 •0 •0 •0	.0	.00.00.00.00.00.00.00.00.00.00.00.00.00	• • • • • • • • • • • • • • • • • • • •	.0.00.00.00.00	.0.00.00	00000000	• • • • • • • • • • • • • • • • • • • •
26-32 33-40 41-48 49-60	.0	0000000000	• • • • • • • • • • • • • • • • • • • •	.00.00			-1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0		00000000000	• • • • • • • • • • • •	.0.0	0.0000000000000000000000000000000000000	.0.0.0	.0.0
26-32 33-40 41-48 49-60 61-70	00000000000		• • • • • • • • • • • • • • • • • • • •	.0	• • • • • • • • • • • • • • • • • • • •	00000000000	.1		000000000000000000000000000000000000000	• 00000000000	***************************************	.0.0.0		.0
26-32 33-40 41-48 49-60	.0	0000000000	• • • • • • • • • • • • • • • • • • • •	.00.00			-1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0		00000000000	• • • • • • • • • • • •	.0.0	0.0000000000000000000000000000000000000	.0.0.0	.0.0

									ANNUAL							
PERIOD:	COAE	-ALL)	1963-1	979						_			ARFA			CO SOUTH
								TABLE	18 (CONT)	,				15.	'N 98	
				PC	T FREC O	F 6180	SPEED	(K*5)	AND DIREC	TION Y	ERSUS S	EA HEIG	485 (FT)			
								•								
				\$								5 %				
HGT	1 - 3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-1C	11-11	22-33	34-47	48.	PCT	
<1	. 4	٠٤	•	.0	. c	.0	1.3		.5	1.1	•	٠.	•C	-0	1.7	
1-2	. 3	1.5	• 2	.0	.c	.0	2.0		.5	2.7	. 3	•	٠,	.0	3.5	
3-4		. 6	. 2		٠.	.0	. 8		- 1	.,	. 4	•	2.	.c	1.2	
5-6	•	-1	.1	•	٠.	.0	• 2		•	• 2	. 2	•	.0	.c	. 4	
7	.0		.1	•	•	.0	. 2		•0	•	- 1	•	•	.0	. 1	
8-9	.0	•				.0			.0		•	•	.0	.c	. 1	
10-11	.0	•0	.0		. c	.c			.0	.0				.0		
12	.0	.ŏ			::	.0				.č			•c	i.č		
13-16	.0	.0	.c	.0	•	.0			.0	.0	.0	.0	.0	i.c	.с	
17-19	.0	::			, č	.0	.c		:0	.0	.č	.0	ž.	.č		
20-22	•0			.0	č	.0	.0		.0	.0	.c		֏.		.c	
23-25	.0	.0		.0	:č	.0	.5		.0		.0		9.	.0		
			.0	.0		.0	.0		.0	.0	•0	-0	.0	.0	.0	
26-32 33-40		.ŭ	.0	٥.			č		.0	.0			•C	š		
					::	.0	.0		.0			.0			:6	
41-48	•0	•c	• 0	•0						.0	.0	.0				
49-60	•0	•0	•0	•0	٠.	.0	.0		.0	.0				٠.		
61-70	• 0	•0	•0	.0	٠,	.0	.2		.c	.0	.0	٠.5	٠.	٠ç	٠.	
71-86	•0	٠.	•0	•0	.с	.0	.0		٠.	.0	٠c	•0	٠C	•0	•0	
67.	• 0	٠.0	• C	•0	•c	.0	.0		.0	.0	. • 0	•0	• 0	٠.	.0	
TOT PCT	.7	3 • 1	••	•:	•	.0	4.5		1.0	4.8	1.0	- 1	•	٠.	6.9	
																TOTAL
HGT	1-3	4-10	11-21	• .	14-47	48+	PCT		1-3	4-1C	11-21	22-33	34-47	44+	PCT	PCT
<1	1.5	4.C	.1				5.6		1.3	3.2		Ċ	3,	•	4.6	
1-2	1.1	9.7	1.7	:.	::	.0	12.6		1.0	8.0	1.3		ič.	,č	10.2	
3-4	*:;	3.5	2.1	••	::		5.9		1.1	2.5	1.3	•	,6	č	3.9	
5+6	• 1	3.5	.,9	٠,		.0	1.5		•	2.5	1.3	:	•0		.,,	
3°0		::	.3	::	• •	.0	***		.č	• • • • • • • • • • • • • • • • • • • •	:1		· c			
8-9	.0	•	.,	• • •		.0	.1		:č	·	• • • • • • • • • • • • • • • • • • • •	;		.č		
	.0		• • • • • • • • • • • • • • • • • • • •	:	• •	.0	•		.0	.0	:	.0	•	.0	• • • • • • • • • • • • • • • • • • • •	
10-11	.0	9.	.0	.0			.0		:č		.0	.,	٠.	::	:	
15	.0	.0		.0		.0	.0		.0			.0		.0	:	
13-16		.0	.0		٠.	-0	.0			.0		.0				
17-19	•0			•0											.0	
20-22	•0	•0	.0	.0	٠.0	•0	.0		.0	•0	٠.	.0	.0	.0	.0	
23-25	•0	.0	•0	•0	.0	٠.0	٠.0		•0	.0	.0	٠.	٠.	٥.		
56-25	.0	٠.	.0	•0	٠.٠	•0	.0		•0	-0	.ç	.ç	·č	•c	.c	
33-40	•0	٠.	.0	•0	٠.	.0			-0	٠.	.0	.0	٠.	C	٠ç	
41-48	.0	٥.	.0	.0	.0	•0	-0		•0	• C	•0	.0	.с	.0	.0	
49-60	•0	٠.	.0	.0	٠.٥	•0	٠.0		•0	•0	•5	.c	.0	٠.0	.0	
61-70	•0	•0	.0	.0	٠.	٠.	•0		•0	•0	.0	. C	ъс	٠¢	٠.	
71-86	.0	.0	.0	.0	٠.	.0	٠٥		•0	• 5	.0	.0	, c	٠.	.c	
87+	•0	.0	.0	.0	. c	• 0	•0		0	.0	•0	٠,	.0	• C	.0	
TOT PCT	2.5	17.9	5.3	•2	•	•0	26.2		2.5	14-1	3.2	• 1	•	•	19.9	58.6

	WIND	SPEED	(KTS)	VS SEA	HE IGHT	(F1)		
нет	0-3	4-10	11-21	22-33	34-47	48+	PCT	101 250
<1	18.3	13.7	. 3		.0		32.3	-
1-2	5.4	31.3	4.6	•	.0	.0	41.4	
3-4	. 8	11 7	6.3	.2	.0	.0	17.9	
5-6	- 1	1.8	3.0			.0	5.3	
7	.0	. 4	1.0			.0	1.9	
8-9	•0	-1	. 3	.2		.0	.6	
10-11	•0	.0	. 1	-1		•	. 3	
12	•6	.0		.1		•0	- 1	
13-16	.0	.0	•	. 1	. 1	.0	• 2	
17-19	•0	.0	•с	•	•	.0	•	
20-22	•0	.0	.0	.0	.¢	.0	.0	
23-25	•0	.0	.0	.0	.0	.0	.0	
26-32	٠.٥	•0	.0	.0		.0	•	
33-47	•0	• 0	.0	.0	-0	.0	• 0	
41-48	•0	.0	.0	-0	.0	.0	•0	
49-60	.c	.0	.0	.0	-0	٠.0	•0	
61-70	-0	.0	٠.0	.0	-0	٠.	•0	
71-86	.0	.0	.0	•0	.0	.0	•0	
47 •	-0	.0	.0	.0	.0	.0	.0	
								19626
101 PC1	24.6	58.0	15.4	1.3	•2	•	100.0	

PERIO	D: (C4	Eb-TFF	.) 19*	9-197	9				TABLE	19											
					PERCEN	T FFE	GUENCY O	F WAY	E HEIG	HT (FT	13 VS I	NAVE P	ERIOD	ISECON	120						
PERIOD (SEC)	(1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	50-55	23-25	26-32	33-40	41-48	49-6C 6	1 70	71-#6	87•	TOTAL	MEAR HGT
<6	8.3	20.8	14.3	4.4	1.4	.5	•2	- 1	•	•	•	-0	.0	.c	.0	•с	. 0	-6	٠.	33715	2
6-7	.2	2.7	6.7	5.0	1.9		.4	- 1	. 1	•	•	•	•	•	.0	-c	-0		.0	12484	
8-9	. 1	1.1	2.6	2.3	1.2	.6	.3	• 1	- 1	•	•	•	•	•	.0	.0	.0	-0	.0	6002	5
10-11	.0	, 9	1.1	. 9	.5	. 3	. 1	. 1	. 1	•	•	•	•	•	.0	٠.	. 0	c	.0	2761	5
12-13	٠.6	.0			•2	.1	.1	•	•		•	•	.0	•	.0	.0	.0	.0	.0	1166	5
>13	.0	•	.0	. 3	• 2	- 1	•	•	•	•	•	•	.0	.0	.c	·c	.0	0	٠.	513	7
INDET	10.7	2.1	2.2	.9	. 3	• 2	. 1	•	•	•	•	•	•	•	.0	.0	.0	.0	.c	10961	1
TOTAL																				67644	3
PCT	19.5	27.7	21.7	14.4	5.9	2.6	1.5	. •	.5	+2	-1	•	•	•	.0	• C	. 0	-c	.0	100.0	

PER103: (PRIMARY) 1952-1979		AREA GOOT ACAPULCE SOUTH
	***** ***	14 31 04 60

PERCENT FREQUENCY OF OCCURRENCE OF SEA TEMP (DEC F) BY PONTH

EA TPP DEG F	JAN	FEE	PAR	APP	-44	JUN	JUL	AUG	SEP	001	NOY	CEC	ANN	PCT	
96+	.0	٠.	• 0	.0	• 0	.0	-0	.0	•0	.0	.с	•0	C	.0	
95/94	.0	.0	.0	•0	٠,	•0	•	•	. 1	.0	•	•0	11	•	
93/94	.0	.с	•	•	- 1	- 1	- 1	. 2	•	. 1	- 1	•	56	- 1	
91/92	• 1	. 1	• 1	. 3		.5	.5	. 6	. 3	. 4	. 2	• 1	304	. 3	
69/9C	• 2	. 3	. 4	1.1	3.0	3.0	2.7	4.2	2.9	2.4	1.1	.7	1764	1.9	
<b>#7/88</b>	1	3.4	1.9	4.5	13.5	14.6	15.0	20.2	25.3	11.7	8.8	3.8	8928	9.6	
85/86	9.5	8.3	10.3	19.4	31.9	36.9	\$9.0	40.6	35.3	36.1	32.3	18.7	25050	27.1	
83/84	30.2	28.7	28.6	30.6	26.5	26.6	30.2	23.3	30.3	32.2	33.5	34.7	27641	29.9	
81/82	36.1	40.6	35.7	29.4	16.6	12.5	10.3	3.6	13.C	13.3	17.5	27.8	19874	21.5	
79/8C	12.9	14.0	14.9	10.0	3.9	2.5	1.5	1.0	1.9	2.5	4.0	P.5	5016	6.3	
77/78	4.4	4.1	5.0	2.9	1.3	. 9	.4	.5	.6	. 9	1.2	7.6	1852	2.C	
75/76	1.6	1.3	1.6	1.1	٠,٢	- 2	- 2	.3	. 4	. 3	. 6	1.3	694	. 7	
73/74	. 9	. 7	. 9		• 2	• 1	•2	•	- 1	- 1	. 3	. 9	346	. 4	
71/72	.5	. 5	• 2	.2	- 1	- 1	•	•	•	- 1	•2	.5	167	• 2	
69/70	-1	- 1	• ?	•	.0	.0	•	.c	•0	•	- 1	• 2	60	- 1	
67/68	•	- 1	• 1	•	• C	-0	.0	.0	. c	-0	•	. 1	21	•	
65/66	•	•	•0	.0	.c	.0	.0	.0	.0	.0	•	•	5	•	
63/64	.0	٠.	•	.0	.0	.0	-0	.0	٠.	.0	.0	.0	2	•	
61/62	-0	.0	.0	٠.	.0	.0	.0	.0	.с	.0	.0	C	0	.0	
59/6C	.0	. c	.0	.0	.0	-0	.0	٠.	• C	.0	.с	.0	0	-0	
57/50	.0	• €	.0	.0	.0	.0	.0		.0	.0	.0	.0	2	.0	
55/56	.0	. c	.0	.0	.0	. C	.0	.0	.0	•0	٠.	.0	C	.0	
53/54	•0	3.	.0	.0	.0	.0	-0	.с	. C	.0	•0	.0	C	.0	
51/52	.0	.0	.0	.0	.c	.0	.0	.0	.0	.0	.0	.0	0	.0	
47750	.0	.c	٠.٥	• 0	.0	.0	.0	.0	•0	.0	.0	.0	Ó	•0	
47/48	.0	٠.	.0	.0	.0	.0	.0	.0	.0	.0	.с	.0	2	.0	
45/46	.0		.0	.0	.0	.0	.0	.c	.0	.0	.0	.0	Ċ	٠.٥	
43/44	.0		.0	.0	.0	.0	-0	.0	.c	.0	.0	.0	C	.0	
41/42	.0	.c	•0	.0	.0	.0	.0		• C	.0	.0	.0	٥	.0	
39/40	.0	.c	.0	.0		.0	.0	.0	.0	.0	·c	.0	ō	.0	
37/14	.0	.c	.0	.c	.0	-0	.0	.c	.0	.0	.c		ō	.0	
35/36			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	Č		
33/34	.0		.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	č	.0	
31/32	.č	.č	.0			.0			.0	.0	.c	.0	č		
29/30		.č	.0			.0	.0	.c		iŏ	.0	.0	č	.c	
27/24	:č	.č	.6	.0		.0				.0	.0	.0	č		
(27	.6	. č		·ŏ	ě			.0				.0	č	.0	
TOTAL	7233	735 2	7782	7708	3657	8135	8163	8023	7887	7909	7347	6693	92587	100.0	
MEAN	82.0	81.9	82.0	82.9	84.3	44.7	84.8	45.3	84.7	84.5	84.0	82.8	63.6		

# TABLE 21 PRESSURE (MB)

AVERAGE BY HOUR (GHT)

					•					TOTAL
MC	0000	0300	0600	0900	1200	1506	1800	2100	MEAN	ces
JAN	1011	1012	1013	1011	1013	1013	1014	1011	1013	7283
FEB	1011	1012	1013	1012	1012	1013	1014	1015	1012	7284
MAR	1010	1011	1013	1011	1012	1013	1013	1011	1012	8054
APR	1010	1011	1012	1010	1011	1012	:012	1011	1011	7936
MAY	1005	1010	1012	1009	1011	1011	1012	1010	1011	8979
JUN	1004	1010	1012	1009	1010	1011	1011	1010	1011	847C
JUL	1010	1011	1013	1010	1011	1012	1012	1011	1012	8491
AUG	1010	1011	1012	1010	1011	1011	1012	1010	1011	4377
SEP	1005	1010	1011	1009	1010	1011	1011	1010	1011	8235
007	1010	1010	1012	1010	1011	1011	1012	1009	1011	82C1
NOV	1011	1012	1013	1011	1012	1012	1013	1011	1012	75C5
DEC	icii	1012	1013	1011	1012	1013	1013	1011	1012	6072
									1012	95687
ANN	1010	1011	1012	1010	1011	1012	1015	1011	1012	A2081
OBS	22198	1076	21154	1446	21023	2057	25015	1718		

#### PERCENTILES

MO	*1%	11	51	25%	501	752	+52	992	MAY
JAN	596	1007	1009	1011	1013	1014	1016	1015	1025
FEB	1000	1006	1009	1011	1013	1014	1016	1016	1024
MAR	99€	1005	1008	1010	1012	1013	1015	1017	1023
APR	597	1006	1008	1010	1011	1013	1015	1016	1022
PAY	998	1003	1007	1009	1011	1012	1014	1016	1021
JUN	997	1003	1007	1009	1011	1012	1014	1016	1023
JUL	594	1004	1008	1010	1012	1013	1015	1016	1024
AUG	445	1004	1008	1010	1012	1013	1015	1016	1023
SEP	594	1003	1007	1009	1011	1012	101*	1015	1021
001		1003	1007	1010	1011	1012	1014	1016	1021
NOV	597	1005	1008	1011	1012	1013	1015	1017	1023
DEC	997	1006	1009	1011	1013	1014	1016	.017	1021

.3	£	٠	t	A	£	٧	

PERICO. (PRIMARY) 1952-1979		area no e lour of temphiteres
10YER-4LL) 1867-1979	TACLE :	14.14 04.42

(0Y[R-4LL) 1867-1979	Dett :	14.15	**. **
	PERCENT FREQUENCY OF MEATHER GCCUPENCE FY WINT DIFECTION		

			٥	*t . [ P ]	1/110	. 1196					\$ # m E P		PHE 10	-1:41	
440 DIR	7414	EAI". Small	JRIL	FRZG FORN	5406	OTHER FRZ's PCPN	-411	FEPR AT OUTTHE	PCPN PACT	THDP LTSG	F 06 k 6 - CP%	FGG = C PCP% Past =	UPOFE MAZE	50014 61.6 0017 41.6 046.	NC 5 I U -E #
ς	.2			.0	٠.		٠.	••		. 3		•-	1.5	. 4	76.0
NE.	. 2	- 1	. 1	.3			٠.		. 3	. 3			1.0	. 3	36.8
	- 1	.2	. 3		.c	. 6		. t	.4	- 1	. 3		1.2		^7
3.6	٠.	ء د	. 1	. 3	.0	.5	.5			ن ۽	1.2		7.4	4.43	95.1
	.0	.0	.0		.0		• C		. 3		.0		1.1	• ^	90.9
\$ <b>-</b>	.0		. 0	.0	.0		٠.	. (	. 6		1.1	٠.	. 7		90.5
·	. 3	.2					٠.		. 2				1.1	•3	47.5
F	- 1	. 0		. 3	. 5	••		.:	. 2	•	. 5	• -	1	•	47.4
YAD	.0	٠.			.0	. 6	.0		.0		. 0		•€		
CALM	.c		.:	. 0	. 0	. 5	٠.	••	.:	٥.	1.6		! • 5	••	93.9
101 PCT	.1	- 1	- 1	.0	.:	••	٠.	. 5	.2	.2	. 7	••	1.5	•2	٠٠.٥

TABLE 2

minimate and the complete of t

#### PERCENT EPEQUENCY OF WEATHER OCCURRENCE BY HOUR

			•	PICIPI	IATIC	1 TYPE			OTHER MEATHE PHENOMINE								
H0U# ([#3)	PAIN	PAIN SHAR	OR7L	FRZG FCPN	SNOR	GTHER FRZN PCPN	Hall	PCPN 41 nt 11*E	PCPN PAST HTUP	THSE LING	FUT at FLPN	PEST H	9,14 1,14	PLAG JUST BLAG JUST BLAG JOA			
CCEJ3	- 1	•1	.1	.0	٠.	٠.		. 2	.2	.1	. 2	••	2.3	-1	36.0		
66393	• 2	- 1	- 1	٠.	.0		. L		-1	5	. 4	. 1	1.7	. 1	96.2		
12615	- 1	. 1	.3	• 0	.0	.0	3.	• 1	. 2	د.	1.5		1.5	. 2	96.3		
18121	. 1	•	. 1	• •	.0	٠.		.2	- 1	٥.			1.0		96.0		
101 PCT 101 055:	.] 5944	-1	-1	.5	.0		٠.	•2	•5	•2	.7	•:	1.5	• 2	96.6		

TABLE 3

#### PRICENTAGE FREUDENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		-11	O SPEE	D (KNO	753								೦೧೯	4C+ T1			
-NO DIR	<b>3-3</b>	4-10	11-21	22-33	34-47	48+		PCI	~6 & P.	63	73	3 t		1.	15	18	2,
							035 6	SEC	590								
٨.	2.5	10.2	9.6	6.3	2.7	.6	:	2.5	16.6	30.1	33.2	45.7	.7.6	33.4	35.2	\$7.2	5e - 1
NF	1.5	6.8	6.1	~-1	1.4	. 3		3	16.1	14.7	22.3	27.7	16.0	17.9	27.6	25.9	24.4
Ł	1.2	3.9	2.2	. 7	. 1	•		6.2	10.0	7.5	4.3	4.9	6.7	7.5	1.5	7.9	8.5
3£	. 7	1.7		•	•	٠.		2.5	6.5	3.1	4.7	3.1	٠.^	2.4	1.1	2.5	1.1
\$	. 4	1.3	.,	•	•	.5		5-0	6.7	5.1	1.3	2.5	1.7	1.3	٠,	1	1.7
Š.	.5	1.7	. 3	•	•	.0		2.5	6.8	3.4	2.2	3.4	2.1	1.7	1.6	1.6	1.5
•	1.5	4.6		•	•	.:		6.9	5.9	٠.:	5.8	7.6	4.5	7.3	5.0	5.6	3.2
No.	7.2	7.6	3.3	1.2	.5	•	,	15.0	10.9	14.7	12.9	12.6	. 7.0	14.7	14.4	15.0	14.9
VAR	.0	.^	.0	.0	3.	.0					. 3		٠.		• "	.0	٥.
CALM	10.1						1	11	٠.٤	8.3	13.2	14.6	16.0	12	5.1		6.9
101 065	1570	1840	1702	927	357	50	7456		12-1	1665	147	1554	201	1412	221	1 +65	: 31
101 PC1	21.0	30.1	22.5	12.4	4.7	. 0	10	3.30		1.6.0	100-0	100.0	160.0	1. 2.0	100.0	1.0.5	135.0

14646 34

		-140	SPEED	(KNCTS)						*(1	10-1:	,
AND CIR	3-6	7-16	17-27	28-4-	41.	101-1	PCT	ME AN		^•	12	10
						017	FRES	SPL	0.3	J.	15	21
	7.5	10.9	8.1	4.4	1.3		32.2	16.6	30.5	2.50	33.6	37.7
7.E	4.5	7.2	5.*	2.5	- 5		25.3	16.1	15.5	`0.5	19.2	21.3
•	2.1	3.5	1.1		.:		3.2	10.5	6.5	6.0	7.2	9.0
SE	1.4	. 4		٠.٥	•		2.5	6.5	3.3	3.2	2.2	2.6
5	1.3	. 6	•	•	٠,		2.0	6.7	4.7	2.2	1.2	1.6
Sh	1.4	1 - 1		•	٠.		2.5		3.5	3.3	1.7	1.4
-	4.1	7.6	- 2	•			5.5	6.5	6-2	7.5	6.0	5.4
<b>**</b>	6.0	i - 1	2.7	. 6	. 1		15.0	10.9	14.0	14.1	16.5	Is.C
VAR	.0	.0	.0	٠.	٠.				.0			.6
CALM	10.1						10.1		6.5	14.4	11.7	6.5
101 635	2997	2446	1236	e 36	150	7455		12.1	1015	1755	1673	2216
TOT PCT	.0.2	32.8	16.6	6.4	2.1		100.0			۵.0۰۰		100.0

JANUSAY

PERIOD (PRIMARY) 1952-1975 (OVEF-ALL) 1962-1973

TAFLE 4

AREA COME SULF OF TEHUANTERFO 14-1h 94-9h and so that the second second

PEPCY STASE PRECUENCY OF WIND SPEED BY HOUR (CHT)

				-146	SPEEL I	F4015)			PCI	TOTAL
4¢.14	CALF	1-3	4+17	11-21	25-32	34-47	+3+	*C#N	**68	063
676.3	4.5	10.4	41.0	22.0	12-1	4.4	. 4	12.0	100.0	1615
Chije	14.5	11	36.5	20.4	10.4	4.7	. 6	11.1	100.5	1755
1261.	11.7	11.3	\$7.7	72.7	11.6	4.4	1.1	11.7	190.0	1674
1-621	6.5	11.0	\$7.2	24.4	14.7	3.3	. 4	13.2	120.0	2716
fül	755	815	2843	1702	927	55.	t e	12.1		7457
PCT	11	10.7	38.1	22.5	12.4	4.7	. 4		100.0	

TAPLES

TAPLE 6

د	PCI FALO OF TOTAL CLOUL AMOUNT (ETUNTHS) BY AIND DIRECTION												CEILIN					
*** 010	e-2	3-4	5-7	08562	TOTAL	MEAN CLOU! COVER	100	15G 299	30C 599	629	1000	1444	3500	5057	6560 7949		NH (S/B ANY HGT	
	21.6	3.4	2.:	. 3		1.7	•	.0	•	.2	. 3	. 3	.2	. 1	.0		31.4	
45	15.7	2.2	1.4	• 2		1.2	•	.c	•	. 1	.2	. 1	•		- 1	•	18.9	
£	6.3	2.7		+1		1. "	•	.7		•	- 1	. 1	•	• • •	.0	•	7.9	
7.	2.1	. 5	.7	•		1.6	•	.0	٠,	•		•	•		.0	.0	2.6	
۵ .	1.5		2	•		1.5	• 0	.0	٠.٢	.0	•	•	.:	• • •	. 3	.0	1.9	
5-	1.4		٠,٠	- 1		1.0	•	. 0		•	. 1	•	.0	. ^	. 3		2.5	
•	5.5	1.1	. 5	- 1		1.5			•	- 1		. 1	•		.0		6.9	
Y.,	12.0	1.5	1.1	. 1		1.	•	.c	•	. 1	.,	- 1	•		•	•	14.3	
417	٠.	. 7	• :	• •			٠,		٠.	. 3			.:			.0	.3	
CAL	3.3		. 7	• 2		1.1	- 1			- 1		. 1	•		.0	.0	9.6	
161 015	4463	647	39 '	77	5577	1.5	15	Ċ	6	40	7.	45	18		4		5355	5577
ICT PCT	,c.2	11.6	7.1	1.4	110-0		.3	.0	- 1	.7	1.4	• •	. 3	- 1	. 2	. 1	96.0	100.0

TABLE 7

CUMULATIVE ACT FREE	55	SIFULTABLEUS	OCCURRENCE
OF CESTIANS HESENT			

				45ET 14F	1)			
CE161-6	= C×	= 64	= 02	1 CK	= 0H	2 08	= 24	: 02
(1511)	>13	>5	>2	>1	>1/2	>1/4	<b>&gt;5u10</b>	>0
: 6m >6500	.2	•2	.2	• 2	•2	•2	• 4	
: 22 > DSG *	. 3		. •				. •	
= 00 >3500	. 7	. 7	.7	.7	.7	. 7	. 7	. 7
: C# >50CG	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5
2001C AU 2	2.6	2.2	2.9	2.5	2.5	2.9	2.9	2.9
: (3 >6-6	3.3	3.6	3.6	3.6	3.0	3.4	3.6	5.6
= 0= >300	5.4	3.7	3.4	3.t	3.4	3.4	3.6	2.4
= ^* >15.	3.4	5.7	3.4	3.6	3.6	3.5	3.8	3.6
2 4 > 0	3.5	3.8	3.9	3.9	3.5	3.7	9.5	4.3
TOTAL	.21	216	223	224	224	224	224	231

TUTAL NUMBER OF DAS. 5756

FC1 FRC2 NH C5/4: 96.0

TABLE 74

### PE-CENTAGE FREE OF LOW CLOUDS (EIGHTHS)

1 1 2 3 4 5 6 7 FORSCO ORS 56.3 22.2 5.7 4.9 2.6 1.4 1.1 7 .7 .2 6000

JANUAFY

A CONTRACTOR OF THE PROPERTY O

PERIOD: UPPIMARY: 1952-1979
(SYEP-ALL) 1867-1975

\*\*APLE P

\*\*APLE

56Y (MH)		`	ħΕ	ť	\$€	5	5.	•	N=	٧).	CIL	PCT	101.0
	FCP	.:	.0	. 3	-0	.0	. C	••	. 2	.0	•:		
(1/2	NO PCP	•	.0	•	•	٠,٤	•	•	•	.^	•	. 1	
	101 5	•	.0	•	•	• • •	•	•	•	•^	•	- 1	
	PCP	.с	٠.	-2	•0	.0	. 2	٠.(	. 3	.~		٠.	
/2<1	NO PLP	•	.0	. c	٠.	.0	يا .		.0	• ^		•	
	101 7	•	٠.	•¢	•0	.0	.:	٠.	.0	٠٠	•c	•	
	PCP	•		•	.0	. 0	.0	.:	.5	٠.			
(2	NO F CP	•	•	٠.٢	40	.0	٥.	•:	•	• "			
	101 .	•	•	•	٠,	.0	• • •	.0	•	•		.1	
	PCP	.:	•	.0	.0	.5	.0	, î	•0		• ~		
!<5	NO PCP	- 2	- 1	•	•	٠.	.с	.0	•	• • •	•	. 3	
	ici i	. 1	- 1	•	•	• 7	. 5	• (	•	••	•	. 3	
	PCP	. 0	.0	•	•	.0			•	• 1.	. 0	•	
5410	ms fip	2.1	1.4	. 5	- 1	. 1	- 1	-2	.5	•-	.5	5 . 5	
	101 7	2.1	3.4	• 5	. 1	- 1	- 1	• • •	• •	٠.	• •	5.3	
	PCP	. 1	•	•	.0	٠.:			•	.^	•	. 2	
10+	NO PEP	29.7	18.7	7.0	2.7	5.0	2.5	£ . £	14.3	• 6	٠.:	73.9	
	101 1	24.7	16.7	A.(	2.7	<·^	2.5	6.0	14.3	• 0	9.3	94.1	
	tot cas												67'6
	TOT PET	32.0	22.2	5.3	7.e	3.5	2.6	7.1	14.9		9.6	100.0	

TARLE 9

## PERCENT FREG OF LING DIPECTION VS LING SPFET LITH VARYING VALUES OF VISIFILITY SPO ATS U-3 4-10 11-71 42-101 1 PCT 13142 0e5 VSBY (NM) <1/2 0-3 1/2(1 4-10 11-21 42-101 1 ... 1<2 255 5011 4-10 11-21 22-101 1 .1 .4 .4 1.3 2.2 .1 0-3 2.7 --10 9.9 11-21 9.3 22- a.0 1.4 5.8 5.1 16.7 1.1 3.6 2.2 .6 2.6 1-3 1.4 101 ONS 101 PC1 32.3 70.3

PERIOD (P.IMAKY) 1957-1974 (GVEP-ALE) 1867-1979

是这是现代的是一种,也是是这种,我们也是不是是一种,我们也是是一种,也是是一种,我们也是是一种,我们也是一种,我们也是一种,我们也是一种,我们也是一种,我们也是

AREA DOTE GULF OF TEMUANTEPEC THATA PHANE

PENCENT	I REQUESCY O	F CEILIN	HE1GHTS	CFEET, NH	>4/61	* 40

OCCUPRENCE OF No 45/8 AT HOUR													
	273	1300	2000	3506	5000	6500	*000+	TOTAL	5n (				
			7.00			3000							

H\$UR (\$™₹1									650D 7969		TOTAL	44 (*/6 461   161	
1000	. 1	.,	•2	.4	٠.	.6	. 1	- 1	.1	• 1		57.4	1567
26603	. 3	• C	- 1		••	.1	- 1	. 1	. 1	.2	3.3	\$1.7	1375
12612		.:	.1	.7	2.4	.7	. 7	-1	. 1	. 1	5.4	\$4.0	1347
14621		.0	. 1	.,	1.5	.5	. 3	• ?	.1	.1	4.2	91.4	1086
												5744 91.1	

TABLE 11 TABLE 1"

		PETCENT	FREQUEN	CY 45P	r (56) (	- + +014	CUMULAT					9581 (44) 3,24 HOUP		
H\$U£ (6~1)	(1/3	1/2<1	1<2	245	5633	10+	TOTAL CBS	HOUR (571)	<150 <5346		(1553 (2)		NH 45/4 AND 5+	TOTAL
36.3	- 1	. 1		.4	4.1	45.1	1541	00603	- 1	. 3	:.1	2.0	96.5	1506
766.9	. 3		.1		6.3	92.3	1756	20108	• 3	.4	1.6	2.2	96.2	1334
12615		.1	.2	. 8	6.1	94	1676	12615	. 5	.6	4.0	4.2	93.7	1297
16221		•			*.5	94	2160	12621	•5	. •	1.0	:.0	95.4	1619
101 PC:	19	:	11	*1	400 5.4		7433 100.0	101 PC1	15	24	91 1.6	153	750+ 45.6	5756 100.0

FIRCENT FREQUENCY OF RELATIVE HUMIDITY BY TEMP

101AL PCT

101AL P 3L ... ........

> TANLE 15 TABLE 16

MEANS, EXTREMES AND PENCENTIESS OF TEMP COST FO BY HOUR PROCEST PRECUENCY OF RELATIVE HUMIDITY BY HOUR 51 11 "15 "[A" 10:FL 055"]
77 69 68 79.0 1555
71 68 65 77-1 180"
71 68 65 77-0 1895
72 68 67 76.7 2258
72 68 67 76.7 2258 .0 2.0 15.0 42.0 30.3 9.0 77
.^ 1.0 6.0 13.5 18.6 16.6 01
.^ 1.0 6.5 13.0 40.0 10.2 9.
.^ 2.6 17.0 02.0 22.0 0.0 77
. 136 702 92.0 1076 702 76 \*\* 79 75 76 82 79

JENUSEY

PERIOD: (PRIMARY) 1952-1579 (OMER-ALL) 1662-1579

146LE 17

SAGILATIVE COLF OF TEMPATEMENT AND ALVE

HER REPORTED ON THE PARTY OF THE PROPERTY OF THE PROPERTY OF THE PARTY OF THE PARTY

AIP-SEA	61	55	65	73	77	+1	85		>92	101	•	- C
IMP LIF	54	5.5	72	76	80	••	9.6	52			1.0	r-c
20,22	٠.	.:	.c	.0	٠.	.3	.0	•	.0	2	٤.	•
14/16	٠.	• • •	-6	.0		•	•	•	•	5	.0	.1
11/13		.0	٠.	•	- 1	- 1	• 2	•	- 1	26	•	
4/15	٠.٠	٠.	.:	. 1	. 2	• 3	. 1	•	-0	47		.7
7/3	.0	.0	•	. 1	. *	. 7	. •	. 1	•	117	•	1.8
t	٠.	- 0	•	. 3		. 4	. 3	•	٠.	94	•	1.5
5		•	- 1	. 3		٠٤	٠.	•	.0	119	٠.	4.5
4	-6	•	• 1	.5	1.7	1.4		.7	-0	272	•	4.5
3	٠.,	•	•:	. 9	1.5	1.4	. 4	•	٠.:	274	•	4.2
2	.3	•		1.2	4.5	2.5	. 5	٠.	٠c	455	-:	7.1
1	.5	•	. 4	1.5	2.6	2 . 3	.2	.0	-0	*<*	•	7.2
	.0	- 1	٠.	2.2	6.5	4.5	. 1		.2	865	- 1	15.7
- 1	٠.	•		1.*	5.5	2.3	•:	• • •	.5	923	- 1	11.0
-2	•	- 1	٠.	1.7	7.2	2.6	•	• • •	.0	767	•	12.5
- 3	٠.	•	. 3	1.6	5.5	1.5	.0	. 2	٠.	562	•	e.9
-4		-:	.5	3.6	• . 7		•	. 0	.c	405	. 1	7.6
-5	.3	- 1	5	1.6	3.2	. 5	.5	٠.;	.0	366	•	5.0
-ŧ	.:	- 1	- 3	1.4	1.6	- 1	. 0	• • •	.0	213	•	3.4
-7/-8	٠.	• Z	.5	1.7	1.5		٥.	• • >	.5	210	.0	3.3
-9/-13	.0	. 1		٠. ٥	. 3	٠.	.0		.0	103	.0	1.6
-11/-13	٠	. 2	. 4	. 3	- 1	.:	٠.		.0	£2	•	1.3
-14/-16	٠.	•	- 1	•	3.	٦.	.c		.0	11	•	.2
TOTAL	3		373		7427		216		Ł		4.3	6240
		62		1220		1452		2:		6243		
P(I	•	1.0	5.5	19.4	45.5	23.7	3.5		- 1	100-0	. 7	96.2

PEPIOD: (0VER-ALE) 1963-1979

				PS	1 F910 C	F LING	SPEED	(#75) J40 G14E	CTICK V	EPSUS S	CT 46 10	mts (fT)	•	
				•							NE			
HGI	1-3	•-10	11-2.	22-33	34-47		PCT	1-3	4-1-	11-21	22-33	34-47	**	***
< 3	1.5	2.0	- 2	•0	-0	-0	3-4		. • •	•*	.c	٠.	••	1.5
1-2	. 2	4.4	₹.0	.5	-0	-6	7.0	• 5	3.1	1.6	ن.	٠.	•¢	5.2
•	•2	2.5	•••	•5	.0	-6	7-3	• •	1.*	2.4	••	•:	ع.	• • •
5-4	.0	. 3	2.5	1.4	- 3	٠.		-0	• • •	3-6	•	-2	٠.	3
7	-0	• 2	1.5	1.5	- 1	- C	5.5	.3	•	. 6	1.5	-1	••	2.0
8-9	.0	. 1	.7	1.8	.5	•0	2.9	.5		• 5		.2		1.4
10-11	.0		. 3	٠.	٠.	- 1	1.8	.9				-1	**	
12	.0	٠.5	- 1	- 5		.0	. •	.0		. 1	- •	•2	• • • •	• •
13-30	٥.	.0	.0	. •	. 6	- 1	1.0	.c	.0	.:	. 3	-2	•	.6
17-19	.0	.0		- 1	-1	-3	- ?	•5		• ^	- 1	-:	٠.	• 7
20-22	.c	.0	• 0	.c	+2	-3	•>				.с	•	- 1	- 1
23-25	.0	.0	.0	- 1	- 1	-3	• 2	•0		.5				-:
26-32	.0		• 2	.0	٠٥	-0			. 5	.0	.:	.:	. 1	•:
33-46	.0	.0	.0	.0	٠,٥	.0	- ?	.0	.2	• • • •	.0	-0	- 5	
-1-46	٠,٠		.0	.0	.0	.0	.5	.0		.0	-5	-0	.ε	٠.:
49-65	.0	.0	• • •	.0	.c	٠.	.0	.5	.5	• :	٠.	-0		• •
61-76	.0	.:	.0	.:	. c	-0	•0			.5	-0	-5	٠.	•-
71-46	. C	.0	. 0	-0	.0	-0	٠:	.5	د.	.0	-0	-6		-0
47*	.0		• 3	-6	• 5	•3	-:	.0	٠.	.0	. 0	.0	٠.	
TOT PCT	1.9	3.3	12.1	7.4	2.5	• 2	33.5	1.4	5. 6	7.4	*-*	1.2	.2	25.6
				£							se			
MGT	1-3	4-16	11-21	22-33	34-47		PCI	1 - 3	4-1-	11-21	27-13	34-47	***	PCT
<1	.5	. 7	٠,٢	.c	.0	٠.٥	1.2	-1		.0	.3	.5	.5	. 5
1-2		1.4	.6	.c	.0	.0	7.7	•1	٠.	- 1	.0	.0	٠.	
3-4	.0	٠, ٦	1.4	-1	.0	.0	2.4	• • •		• • • •	. 3		. L	
5-6	- 1	.2	.7	- 1	- 1	.0	1.1	•		- 1	- 1	-6	.0	
7	.0	- 1	. 2	1	- 1	-3	.5	.0		.0	.υ	.0	٦.	.^
4-1	.0	.0	.2		.0	.0	. 3	.0	٠.	. ?	-0	.:	٦.	•-
10-11	.0	.0	- 1	.:	.0	.6	- 1	3.		.~	.:	.:	٥.	
12	.0	٠.	.0		-0	.0	- 1	-0		.0	. 3	.:	٦.	.:
13-16	.0	.0	.0	-1	•5	٠. ن	• 1	.0		.:		-0	-0	.:
17-19	.:	.0		.c	.5	.:	٠.	.5		٠.	.0	.:		.0
20-22		.0		.0	.:		٠.5	.ė		.:	.0	٠.	٦.	
23-25	. 3	٥.				.5	.5	.0		.0	. 2	.0	٥.	.0
26-32		.5	.0		.0		.5	.5		.n		. 5	•••	
33-90				3.		.0	.0			. 5	.5	- 5	٦.	
41-48						.5	,c	.6		٤.	.c	.š	٥.	
99-9G	.5		.c	::	.5	3.		.0			.3		::	
41-76	.5			7.	 3.	.5		ě						
21-66		٠.		ė.	.5	.5				.5	٠.	.č	3.	
4.7	.0	.3				::	Ξś	.5		·:		.5	3.	
101 PET	.,	3.7	3.2		- ::		4.3	.,	1.3		.1			2.1
	• • •		***	•••	••		**	•••	•••	• .	•••	•••		- • •

								J1461×Y							
PE=100	1245		1963-1	676				TABLE TO COME	,			1961	tros		F 'LHVANTEPEC .94
				FÇ	1 5166 6	OF -15"	SPLET	14"5) AND DIFE	(1145.)	LPSUS S	FA HEIG	HTS (FE	,		
				:							5.				
HST	1-5	4-1C	11-21	27-32	34-47	41.	P. 1	:**	4	11-21	22-33	37	44.	PCI	
<1	. 7		• 0	.5	.0	.0		. !		• ^	.c		.5	1 - 1	
1-7	• .	. 6	• "	٠.	• •	٠.		.2	1	•	••	.c	٠.	1.3	
3-4	• •	- 1	• 1	- 1		٠.	• 3	.0	. 3	.,	•	•0	٤.	. 5	
5-6	• .	••	• ~	- 4	.:	٠.,	• •	٠ <u>٠</u>	•	• *	-1	•3	٠.5	- 1	
. 7.	. :	• 3	• •	٠.	••	٠.	• • •	.9	••		.0	.5	••	•:	
***	::	•-	• *	-2-		٠.	•3	: · ·	••	::	٠,	• • •	٠.	::	
10-11		::	•			٠.	٠.		••		٠. د.	.:	٤.	::	
1.	• •	••	- :	••	::	::	:*	7.		:.		:3	::	.,	
7-19	:-		:	•••	•-	::	:~	.0		:-	:3		3:	č	
20-22		- ::	-		-							::	::		
2 2 5				- 12	- :-	::				÷	.3			; :	
26-22		٥.			2.			.=		.~					
53-4					• • •			•^			.:		٠.	.0	
-1	٠.0	٠.		٠.	.:		.:	.^			.0	.2	٠.	٥.	
-9-6-	••		••	٦.	.0		-\$	.^		•:	.:	.5	٠.	.:	
61-70	٠.5	.:		٦.	•6	.:	٠.	.5		٠.	.3	٠.	٥.	.5	
71-66	3.	••			.:	٠.	.:	•3	••	.:	٠٠	.0	٠.,	• ?	
57•	. 5		• 1	-(	.0	٠.5		••	•-	.0	٠.		÷.	.::	
101 -61	. 4	1.3	-1	-:	.0	.5	1.6	.5	٠.:	.2	.1	-6	٠.	2.9	
				_											TOTAL
H51	1-3	4-10	11-21	22-33	24-47		PCI	1-7	12	11-21	22-33	34-47	***	0(1	PC1
<1		1.5				. 5	2.6	•				.5		2.7	
1-2		1.1	- 1	٠.			2.3	• >	3.5		.c		٠.	4.1	
7-4	٠.٤	. 7	.7	.0	• •		.7	-1	1	1.5	-2	د.		2.6	
5-6	••		. 1	•:	•:	. 3			. 6	1.1	. 3	•	٠.	2.1	
7	•5	• 5	•	. 1	- C	٠.	- 3	٥.	• 2	٠.	•2	- 1		1.1	
4-5	•	• •	•	.:	- c	- 5	. 3	.3	•	- 1		- 1	٤.	.7	
10-11	٠.	٠.	•	••	٠.	٠.	.0	٠.	••	- 1	•	.2	:	• ?	
12	•:		•-	•0	:0	٠.	.2	::		.:	:	••	::	::	
17-16			•	ئ. 0.		-c	.0	:3	••	.5		•1	::		
20-2.	-	::	••			.5	::		••	:,			::	::	
23-21				::	::	::	::	:-		::			::		
26-32	::				.;				::	:=	.5		.č		
32-62	.6			•••		٥.	.5	2.	::		.5	iš.			
41-45	.5	.3						.0	•			.:	٠.	. 3	
				٠.		.5	.~	• .	••	٠.		. 2	٠.		
6: - 74		٠٤		•€	.5	.5	٠.	.5		.0	.0	.с	٤.	. 2	
7:-46	-:	- 6	••			.0	.c	•:	••	3.	٠.	-5	••	.0	
47-	•5	-5	•-		٠,3	.c	•5	.•2				• • •	٠.	٠.	
101 PC.	1.4	•.,		-1	.0	.c	٠.5	1.	"	1.6	1.4	.5	•	14.5	*5.*

LIND SPLED (+TS) VS SER HEIGHT (FI)

THE PROPERTY OF THE PROPERTY O

<b>~€1</b>	3-3	<b>13</b>	11-71	55-75	34-47	• • •	P¢1	151
<1	14.3	4.5			.5	.:	24.1	••
1-2	*.3	16.8	4.7				25.€	
3-4		1.6	9.6	1.6		٥.	13.5	
5-6		1.7	••2	2.6	٠.		11.4	
',	.c		3.2	3.7	. 3		7.5	
e-v	.:		1.4	3.0	.;	.3	5.2	
1-11	•••		*::	1	.;		3.0	
12.				117		::	:	
	• •	٥.						
13-16	.c	.0	٠.		- *	- 1	2.0	
. / - ] -		. >	.:	.:		- '	. 5	
	••	.:	٠.	. 6	• •	- 1	- 3	
23-2-		.:		. 1		.0	- 3	
26-22		.0				-1	- 1	
33-4-		.5					٥.	
. :				-5		.:		
			٠.	.^	٠.:	-6	.5	
c:-7		. 2	٠.	• = =	• •	.:	-3	
-1-66		.6				.0	.:	
ę 7 ·	::	.0	3.	.t	īž	-5		
	•••							1264
121 601	2 ***	34.2	*6.7	12.5			::0	

P(PID), tureP-1019 19-9-1979

PROCENT EPERALTICS OF MANE SEIGHT SETTI WE WANT FERTIOD SECONDER

Stoic.	< 1	1	;	,	,	5-9	17-11		13-16	17-15	20-22	. 2 - 25	26-32	33-40		*3-15	41-76	7:	£7.	TOTAL	FEAN
15761																					₩Ģ [
	5.4		11.5	5.8	:	1.3		• • •	- 3	-2	-:	- 5				-¢	٠.	••	٠.	2122	3
	- 1		4.9		2.7	2.4	4 - *	- •	1.6	-2	.:	- 1	•	• :	••	٠.	٠.	- 2	••	1063	
4 - 6	.:	• 5	1.5	2.*	2.7	1.5	1.3	:.3	1.0	. •	. 2	- 1	•	••		.:	٠.		٠.	573	ŧ
10-11			. 5	. 5							- 1	.2	- 1	.5	٠.		.0		٠.	272	•
12-15			- 6	. 3			- 1	. 3	- 1		- 1	- 1	. 3	•	٠.		.0	••	.0	110	•
>: *		- 4		- 3	. 3	. 2	- 1	- :	- 2	•	- 1	•	•	•		.5	٠.		٠.0	2.0	11
1405*	15.5	1.7	1 - :	.,			•	•	- 1	•	•				٠.	٠.5			٥	723	1
1014.	79-	***	1005	253	444	336	2.7	15.	140	5.0	::	27		3	Ú	ξ	٥		-	4948	5
PC.	16.0	10.	20.2	1	٠	6.2	• • •	2.7	5.4	1.2		.5		- 1		.0	. 0			100.0	

ft-aute.

PEP100: (PRIMARY) 1957-1979 (OVER-4-1) 1959-1979

Table 1

AND TO BE SULF OF TEMPANTERES

			٠	4: 6151	11110.	TYPL					\$1-60		PHELO	*£ %\$	
*** 017	PAIA	2415 5446	CeZL	FHZG PCPN	SHO.	FRIL FRIL PCPL	FAIL	PCP4 41 68 f1m5	PCP% PAST MOUP	IHOF LING	F 06 +0 F CF %	FUE =6 PEPN PAST =	SPORE MAZE	19914 61 + G LUST FLAS 3464	
× .	.0	.0	- 3			٠.	٠.	.:	.1		- 2	.:	2.8	. 3	76.6
۸E	- 1	.c	•		.0	••		-1			. 1	•:	1.7		47.7
ί	. 1		- 1	.0	.2	••	٠.	- 3	٠.	- 1		• 5	1.7	• 0	\$2.0
\$6	- 1			.0			.0	. 1	.5		1.6	- 1	1.1		57.1
\$	.0	. 0	. 0	. 0				٠.٠			1.0		1.3		86.6
\$.	.0		.c		-0		.5		. 1	. 1		.0	1.4		30.2
•	- 1	٠.				٠.	• •	. 1		- 1		٠.	1.4	- 1	96.3
٧.	.5	.:		.:	٠.			••	.0	•		٠.	1.5	•	\$7.0
140	.0		.:	.:	٠.	.0	ے۔	٠.	.c	٠.	. C	.5			
CAL"	.c	- 2	.:	.3	.5	- 3	••	- 1		.0	1.1	-,2	3.0		95.1
101 PC1	÷711	•	•	••	.0	٠.	٠.	-1	•	•		•	2.1	.2	67.1

#### TABLE 2

### PRECENT EPECURACY OF MEATHER OCCUPRENCE BY HOUR

			•	RECIPI	14116	. ITPL					SIMER	4611×6	PHEND	~{ %£	
40LP	PIIN	PAIN SHAF	SPIL	FAZG PCF4	550-	614 1374 014[4	+ 426	PCPN AT CB TIME	PCP% PAST HOUR	1409	FGG NG PCPN	PEFR PASI H	SPORE PEZE	\$PEAY \$L&S 5706	
20663	.1		.5	.5	-0	٠.	٠.	-1	.5	.:	.:	••	2.2	. 2	67.1
30660	٠.		.0		. 3	•6	•¢	••	.:	- 1		- 1	1.7	.,	97.6
12615	- 1	- 1	- 1	٠.	.0	.:	٠.	• 2	.1	- 1	1.0	- 1	2.2	.2	44.2
18621	-0	.:	. :	.:	.0	•-	٠٤	• 1	-1	. 1	. 3	••	2.5		47.4
IOI PCI		•	•	.5	.0			• 1	•	•	. •	•	2-1	.:	47.1

#### TAPLE 3

#### PERCENTAGE FREQUENCY OF WIND DIRECTION AT SPEED AND BY HOUR

		-11	D SPE		151								46-6	16-11			
-40 DIP	5-3	4-10	11-21	22-32	34447	•••	34791 240	PCT FPIG	550	36	73	£6	64	11	15	1•	2.1
•	2.6	11.5	7.4		1.0	.:		27.9	14.6	25.7	14.5	22.5	36.2	27.1	54.4	31	25.7
NE	1.6	5.9	٠.٥	3.0	1.5				15.4		24.0			12.0		14.0	
E	1.3	:	1.8	.5	. 1	•		7.5	10.0		7.4	7.0	3.2	7.1	5.6	7.4	16.0
50	. •	2.2		•	.0	-0		3.2	5.3	3.2	2.4	2.4	2.3	7.5	3.4	3.0	•.0
2	. 5	1.8	.:	•	•	.0		2.*	6.2	1	2.4	3.2	2.4	2.0	2.0	2.3	3.5
5-		2.7	.5	•	•	•5			7.5		*.3	2.0	5.4	2.2	5.3	3.3	3.4
•	1.7	7.1	1.*	•	•	•		15.4	7.2	16.7	4.1	12.0	7.5	1 .5	5.7	2	7.9
N=	2.3	••2	3. •		.2	•		10.5	5.5	13.7	14.1	14.2	15.3	16.4	15.6	.5.0	1 1
344		.3	. 3	.0	٠.	.:		.:	. 3	٠,	.0	.:	• • •	.:	• • •	٠.	٠.
CAL-	12.3							12.5	.0	15.4	0.5	17.0	14.7	10.5	6.2	7.5	a.3
260 101	1766		1452	548	265	45	731e		10.4	1604	124	1593	177	1517	219	16-1	192
101 -61	24.2	42.5	20.3	٠.٠	3.6	. 6		:00.0		100.7	133.0	100-0	100.0	153.	100.0	165.0	166.5

TARLE 34

		-14"	SPELE	1036*51						HOLE	16-11	1
4NG 514	3-6	7-16	17-27	20.00	•:•	12146	PCI	~( 1 1	J.	LL	12	14
						CP's		200	0.3	C+	15	21
	3.1	10.0	5.5	3.5			27.0	14.6	25.2	***1	24.3	33.3
٠.(	* . 5	5.7	3.4	2.2	- 6		16.5	15.4	17.~	15.6	14.2	18.4
ŧ	3.2	3 - 1	. •		- 1		7.5	12	e - 1		6.0	4.C
SE	2.1	1.5	-1	•	.3		2.2	4 - 3	3.1	2.4	3.5	3.4
5	1.8	1.1	•	•			2.3	6-2	4.3		:.0	2.4
5.0	2.3	1.4	. 1	•			4.1	7.0	٠.٠	4.5	2 - 1	3.4
•	5.4	• . ?	. 3	•			15.4	7.5		13.1	4.0	
340	6.9	4 - 1	1.5	.5	- 1		10.5	9.5	14.3	14.3	14.3	14.4
446	٠.0		.0	.0				- 6	. 3	٠٠	.0	٠.
CALT	12.3						12.3	• €	1	.5.6	15.0	7.5
101 045	3-28	2402	*37	470	111	*11*		16	1734	1776	1771	2293
101 751	-5.6	32.4	12.4		1.5		:50.3		125.0	1-0.0		176.6

PE-105. (PF1#4P7) 1957-197 104ER-1669 1459-147						TABLE 4				AREA COIS COLF OF	
		PER	CENTAGE	FPE CU!	MCT OF	MIND SP	tl5 97	HULE	(6+1)		
				- 150	52660	(FROIS)			PCI	1011	
AUE P	CALF	1 - 5	10	11-21	25-33	34-43	***	4[ 7.4	FRES	OES	
cetes	16.6	13.6	43.7	23.7	7.5	3.5	. 9	10.4	100.5	1739	
L6L: v	16.0	9.9	3.6	10.5		3.6	. 5	9.7	190.0	1770	
12415	15.0	11.6	42.5	10.0	5.4	2.6		9.7	100.0	1721	
1-121	7.5	12.7	****	24.7	4.7	4.3		11.4	100.0	2093	
101	357	471	3117	1482	648			10.4	•	7316	
PC1	12.3	11.7	+2.5	20.3	4.9				100.0		

\$ 2.1 ** ** ** *1
CELLING   100   108   208   108
CILING : 09

TAPLE 7 CURRELETIVE POT FREE OF SIMULTANEOUS OCCUMPENCE OF CEILING MEIGHT INH 34/81 AND VSBT (N=)

						VS#4 15#	,			
	41	ILINS	= 32	= 08	: 02	2 04	I CR	: 05	= 08	: 0:
	**	EET:	>10	>5	>2	>1	>1/2	>1/4	>5046	١,٠
:	ÇR	>4500	. 3	. 3	.3	.3	. 3	- 3	. 3	• 3
:	0.2	>4000	.3		. •		. •			
:	Ç.	>3560	. 6	.9	. 9	.,	. •	.•	.+	
:	0.2	>2300	1.7	1.6	1.*	1.9	1.9	1.7	1.9	1.5
:	24	>1000	1.0	3.3	3.3	3.3	3.3	3 - 3	3.5	3,5
:	54	>600	3.5	3.9	3.9	4.3	٠.٤		•.0	4.5
:	64	>300	3.6	•	4.1	4.1	4.1		٠.1	4.
:	CA	>150	3.7	*.0	4.1	4.2	4.2	4.2	4.2	4.2
:	28	3 _	3.8	4.1	4.3	• . 3	• . 3	*.:		• • •
		TOTAL	217	5 2 6	240	250	253	251	253	251

F	E	ŧ	e	 R	۰	

PER:OD.	(POIMADA)	1952-1979
	10440-1-1	1144-1676

AREA COTA COUF OF ICHUANTEPEC IPLE 8 IN.1N 97.7N

ACC1 1450-1474			CAPEL &											
	PERCENT FRED OF WIND DIRECTION YS OCCURRENCE OF NON-OCCURRENCE OF PROPERTY OF VISIBILITY													
4587 (5P)		•4	¥E	ť	ŞE	\$	5.	•	50	*15	ÇAL-	PUT	10111	
	PCP	٠,			٠.	.0	.:	٠.٢	.0	٠.				
<1/2	AD PEP	•	•	•	•	.:	.0	•	•	• ^	- 1	.2		
	151 1	•	•	•	•	.τ	2.	•	•	•5	. 1	.2		
	PC2	.:	. ?	.0	.0	.0	٠.	٦.	-0		.£	.0		
1/2<1	NO PCP	.2	.0	. 2	.c	٠.	. 2	2.	•		٠.	•		
	101 1	-0	•0	.0	.0	.:	٠.	.:	•	٠,	-5	•		
	PCP	•	.5	.:	.0	.0	.:	٠.	.3	.7	.5	•		
142	NO PEP	•	•				.0	.:	.5	. 3	•	- 1		
	101 1	-1	•	-0	•	•	.5	э.	.c	.:	•	. 1		
	PCP	.:	•	.5	.:	•6	٠.0	ء.	.c			•		
255	NO PCP		- 1	•	•	•	•	•	-:	.:				
	101 1	•2	- 1	•	•	•	•	•	.:	٤.	•	. t		
	PCP	.0	.5		٠.	.2	.:	٠.		.0				
5410	NO PEP	2.1	1.3	. 3	-1	- 1	-2	.5			. 7	5.4		
	101 2	7.:	1.3	- 3	-1	- 3	- 2	.5	. 6	• •	. 7	5.2		
	PCP					.0	.c		.0	٠.				
10+	40 050	25.5	15.4	7.:	3-1	2.0	3.7	7.7			11.5	63.3		
	101 1	25.5		7.1	2.1	2.4	3.7	1.6	14.1		11.5	•:.:		

14515 6

DO CONTROLL OF THE PROPERTY OF

47 6 L	250	•	*E	€	SŁ	\$	S	•	<b>~</b> =	***	CALM	P( 1	10141
(44)	415												CF7
	G-1	.0	•	.0		٠.	-5	•	•	.2	- 1	- 1	
(1/2	*-13	•	.0	•	•	.:	٠.	•	•	٠.		. 1	
	11-21	-3	• 3	.c	.3	-2	-\$	.0	٥.				
	22.	.5		.0	.0	٠.	. 3	.5		٠.		. 3	
	101 1	•	•	•	•	.0	40	•	•	•5	-1	•2	
	0-3	.5	٠.		.0	-5		٠.	•		.c	•	
1/2<1	4 - 1 C	٠.		٠.	.0	-6	٠.	٠.5	. c	-\$		-3	
	11-71	.:	-5	٠.:	٦.	-c	-\$	٠.	. 3	-=		٠.	
	::•	-0	. 3	٠.	٦.	-6	.:	.5	.2	-3		.5	
	101 1	-0	-5	.0	٠.	-c	-6	٠.	•	-5	.0	•	
	2-3	•		.c		-5	.:	.0	٠.	.5	•	•	
145	16	٠.	.,	٠.	•	•	٠.	٠.	-0	-6		•	
	11-21	٠.	.:	.:	•	٠.		-\$	-3	٠.		•	
	22.	- 1	•	.¢	-t	.0		.c	- 5	٠.		- 1	
	101 1	- 1	•	••	•	•	·÷	.9	•=	.:	•	••	
	U-3	•	•	•	•	•			•	٠.	•	. 2	
245	13	•	•	•	•	.3	•	•	- 1	-5		-2	
	11-7.	•	-1	•	•	٠.۵	. 5	•	•	ء.		• • •	
	22-	-1	- 1	•	-0	.3	.:	٠.	•	.0		••	
	101 7	•3	- 1	-1	•	•	•	-1	• 2	.5	•	.1	
	4-3	-1	-1	-1	٠.	•	- 1	.:	-1	.5	. 7	1-2	
2612	4-1C		•2	• 1	- 1	•	- 1	. •	- 3	.:		1.4	
	11-71	- 3	••	- 1	•	•	•	•	- 1			• •	
	22*	1.0	. 7	•	-0	.5		•	- 1	.5		1.6	
	101 1	2.0	1.2	- 3	-1	-1	-2	-5		.5	. 7	5.7	
	L-3	2.4	1.5	1 - 1	.,	-7	. 7	1.2	2-1	٠.	11.5	22.0	
13.	4-10	10.	5.6	3.7	1.*	1.7	2	4.7	7.7	-c		*C.2	
	11-51	7.3	4.7	7	- 3	- 3	• >	1.*	3.2	٠.		1	
	22.	3.6	3.4	٠.	•	. •	•	. •		٠.		11-5	
	101 1	25.7	15.5	7-1	3.0	2.4	3.4	*- 4	13.*		11.5	*3-2	

FES-LAF

P[9]00: (P4]#4241 1957-1976 (Orth-846) 1459-1976

TAPLE 1-

AREA TOTE GOLF OF TEMPENTERS.

olo i se koj kali na sili kali salizanje koj biski kikali kana i nakolika kana i kali kali kali kali kali kali

P: 96641	FREGUENCY	şf	CEILING.	m{ IC-15	IFEET, SH	>-/41	14

400K	600 1++	15-	102 529	•3	1,00	2000	3560	5260 4459	656D	•000•	Iplac	54 ("/E	
5003	.2	.:	-1	. 3	1.1	. 7	٠,	• 4	.:	-1	3	51.4	1521
36409	- 2	.c	.3	. 5	1.2		.:	.0	.2	.:	3-1	****	1 - 25
12615	. 3	.1	.2	1.1	1.4	1.1		-1	. 1		5.0	**.2	1-2-
19621	.:	.0	-2		1.5	1.1		٠.	-1	-1	4.7	51.2	1437
101	12	3	٠	36	45	54	31		5	15	252	5740	6015

14516 11 125LE 17 CLUCATIVE MET FACE OF MANDES OF MANDE HAVE CELLING HET EFECTIAM MANABLEM HOUM PERCENT FREGRENCY WEST INNI ST HOUR 1759 :794 12615 1355 1.3 1757 2073 14621 1570 14121 - 1 .. :.> 101 201 55 .7 101 PC1

FEBRUARY

PEPIOD: (PRIMARY) 1957-1979 40VER-ALL1 1859-1979

TABLE 17

ARLA OGES GULF OF TEHUANTEPEC 14.1% 94.9%

CT FREC OF		•								DEG F)		"D[ CIP] TAT	
AIF-SEA	61	65	69	73	77	81	85	89	292	101		×0	
THP DIF	64	68	72	76	SC	84	58	42			FOC	F-G	
20/22	. 0	.0	٠.	.c	.0	.0	.0		.0	1	. 0	•	
17/19	٠.J	.0	.c	.0	.0	.0	•	. 3	•0	1	.0	•	
14/16	.0	.0	.0	.0	٠٠	- 1	•	.0	.0		. :	-1	
11/13	٠.	.0	•	. 9	- 1	. 1	- 1	. 1	•	24	.0	.5	
9/10	.0	• ?	.0	•	. 2	. 3	. 2	. 2	•	57	٠.	. 5	
7/8	-0	٠.	- 1	. ?	. 7	.6	. 3	. 5	• C	130	.0	2.1	
6	.0	÷	•	. 2	. 4	. 5	. 2	•	.0	56		1.4	
5	.0	• €	- 1	. 3	. 6	3.	. 6	. 1	.0	171	.0	2.7	
4		• '7	. 2	.5	1.1	1.5	. 7	•	.0	259	.0	w.1	
3	٠.	•	. 2	. 6	1.2	1.2	. 7	.0	+0	244	. 3	3.9	
2	.0	•	. 4	1.1	2.4	3.3	.6	•	.0	487	•	7 . 8	
1	٠٠		. 4	1.2	2.5	3 . 2	.5	.0	. 3	456	•	7.7	
Ĺ	. 3	. 1	. 5	1.5	5.0	5.1	. 3	. C	.0	757	. 1	12.5	
-1	.0	- 1	. 4	1.5	5.1	3.0	. 1	.0	.0	580	•	16.4	
-2	.0	•	. 4	1.7	7.4	3.8	•	.0	.0	636	. 1	13.3	
-3	٠.	. )	. 3	1.4	5.5	2.1	•	.c	c	585	•	9.3	
-4	• 0	•	. 3	1.6	5.0	. 9	•		-0	484	•	7.7	
-5	• 0	. 1	• 2	1.2	3.3	. 6	. 3	.0	.0	339	•	5.4	
-6	.0	•	.2	1.3	1.4	• 2	.0	.0	-0	271	•	3.5	
-7/-6	.0	•	4	1.7	1.2	• 2	.0	٠.	.0	218	•	3.4	
-9/-10	•	. 1	-5	.7	. 4	•	.0	.0	•0	102	٠.	1.6	
-11/-13	.0	. 1	. 3	-2	•	.0	.0	.0	.0	3 t	.0	.6	
-14/-16	.0	•	•	•	•	.0	•0	٠.	+0	7	• C	.1	
TOTAL	1		316		2749		287		2		25	62.36	
		58		058		1769		41		6261			

PERIOD: (OVER-ALL) 1963 1979

#GT 1-3 %-10 11-21 % 2-33 3%-47 % 8+ PCT 1-3 %-10 11 22-33 3%-47 % 8+ PCT (18 5.1 1.2 1.2 2-33 3%-47 % 8+ PCT 1-3 %-10 11 22-33 3%-47 % 8+ PCT (18 5.1 1.2 1.2 1.2 1.1 1.1 1.2 1.2 1.2 1.2 1														
HGT					PC	T FRED I	F NINO	SPEED	(KTS) AND DIRE	CT10% V	EPSUS S	EA HEIG	HTS (FT)	
HGT					N							N.S		
C1	HGT	1 - 3	6-10	11-21		16-67		Pr t	1-1	4-10	11.		tu-47	 PCT
1-2 1-2 5-1 1-1														
5-6														
5-6														
7														
10-11   10   10   12   12   16   16   16   17   16   10   12   12   13   16   11   11   12   12   10   10   11   12   12														
10-11														
12														
13-16											.0			
17-19														
20-22														
22-24														
26-52														.;
33-40														
**************************************														
\$\frac{4+-60}{61-70} \cdot 0 \	41-46													.0
\$\frac{41-70}{71-86} \cdot 0  \cdot 0 \qquad \cdot 0  \cdot 0 \qquad \cdot 0  \cdot 0	49-60		.0								.0			
Ti-86	61-70													
87* .0														
Total PCT   2.2   11-8   7.5   5.2   2.4   .8   29.1   1.5   5.7   6.2   4.2   2.0   .3   20.3					. 5									
HGT 1-3 4-10 11-21 22-33 34-87 46+ PCT 1-3 4-10 11-21 22-33 38-87 46+ PCT CT 1-6 1-0	TOT PCT		11-4											
HGT 1-3 *-10 11-21 22-33 38-47 *** PCT 1-3 *-10 11-21 22-33 38-47 *** BPCT 11-3 *-10 11-21 22-33 38-47 *** BPCT 11-3 *** BPCT 11										-		_		 
HGT 1-3 *-10 11-21 22-33 38-47 *** PCT 1-3 *-10 11-21 22-33 38-47 *** BPCT 11-3 *-10 11-21 22-33 38-47 *** BPCT 11-3 *** BPCT 11														
C1	MCT	1-1	6-10	11-21	£ ,,,,,,,	34-47	***	DC T	1-3		:1-21	22-31	10007	 DC T
1-2														
3-4														
5-6														
7														
8-4														
10-11														Ĩ.
122														
13-16														
17-19														
20-22														
23-25														
28-32														
33-40														
41-48														
49-60														
61-70														
71-86 +0 +0 +0 +0 +0 +0 +0 +0 +0 +0 +0 +0 +0														
0. 3. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.														
			.0			•0					•0			
			3.7			• i			.6		. 4			

								FE	BRUANY								_
PE9109.	COVE	- 4( )	1965-1	979				TABLE 1	6 (CONT)				AHEA	14.1		F TEHUANTI .9h	, с
				10	I FREC	OF AINT	SPELC	(ATS) A	NO CIPEO	1155.4	_F5.15 S	FA HEIG	H15 (F1)				
				\$								5.4					
451	1 - 3	4-10	11-21	22-15	74-47	4#+	PCI		1 - 3	4-13	11-21	72-33	34-47	* 6 *	PCT		
<1	. 5	. 5	• 0	٠.	• 0	• 0	. 9		. •	1.0	• 3	.0	.0	ن٠	1.9		
1-5	. 7	, h	. 1	٥.	.0	• 0	1.6		• 2	1.2	• 1	٠.	.0	٠.	1.5		
3-4	·c	• 2	• 1	.0	*C		• 2		• 1	• 2	• :	.0	.0	.0	. 5		
5-6	• 0	• 0	•^	.0	*0	•0	-0		.c	.5	.0		.0	.0			
7	• • •	٠2		•0	.0	.c			:`~		.,	.6	.0		.0		
#-9	:3	• • •		.5	.0	.3			c			• • •	.5	3.	• • •		
10-11	.5		:=	-1		.0			.0	.5		.0	.5	3.			
13-16			.17	.0	.0				ě	.5	.5	.0	.0		. 5		
17-15		.3	• • • • • • • • • • • • • • • • • • • •	.5	.0	.0	.0		.;		.č		.0		.0		
20-22	2.		:-							. 3	9.		.0	. 0	.0		
23-25	ċ	٠.		.0		.0	• 0		.0		. 0	.0	•c	١,	.0		
26+32				.0	, c	. 0	.0		• 0		. C	.0	••	٠.	.0		
*3-40	. ;	.0		, t	. 0	.0	. )		•0		٠.	.0	• 0	٠.	.0		
41-46	. 7		• • •		.0	.0	.0		.3		•0	. 0	•0	٠.	• ?		
49-6-	• 6	.0	• `	۵ د	• 0	٠.	. r		.0		• 0	٠.		.0	٠,		
61-70	• 3	ه د		٠.	.0		• 3		• 0	. ≎	• 0	- 0	.5	٠.	• 0		
71-56	٠.	. 3	. `	-0	.0	• 0	• C		• 0	ن.	• 0	• 0	•0	• 6	2.		
87.	- C	- 6	ر .	٠.	.0	• 6	.•?		-0		• ?	.0	.0	·c	.0 3.6		
TOT PET	1.1	1.6	.:	- 1	.0	.0	3.0		. 6	2.4	.4	-1		٠١	3.0		
				_												TOTAL	
HG ₹	1 - 3	4-10	11-21	22-35	34-47	48.	PCT		1 - 3	4-1-	11-21	22-33	34-47	400	PC1	PCT	
(1	٠, ۶	1.4	2.		. 0	•0	2.1		.6	2.1		. 0		• 0	2.5		
1-2	. 5	2.0	. 4		.0	.0	4.7		. 6	3.5	• 6	٠.		٠.	4.6		
3 - 4	• 3	. 9	. t	٠.	.0	.0	1.5		• 5	1.*	1.0	•	• 5	٠.	2.4		
5-1	•0	+ 2	. 2	• 0	. 1	٠.	. 4		.0	.2	3.	- 1	•	-0	1.1		
7	• (		• ?	٠,	• 5	• 0	. 2		• 7	• •	- 5	. 3	•		• •		
6 - 6	• 0	. 0	• (	•0	.0	.0	• 9		• 0	. 1	:	- 1	•		. 2		
10-11	• 0	• 6	•	٠.0	• ?	•0	.0		•0	٠.	• 1	.2	.0	.0	:2		
12	. 5	• 0	•.	.0	.,	.0	.0		.0	• •	.1		.1		.1		
13-16	• 3	٠.	• '	.0	.^	٠ć	-0		.0					.5	.0		
17-19 20-22		.0	.0	.0	.0	.,			.0	٠.		.0			. 5		
23-25	c			.0					: ,				.5		.5		
26-32	. 7	3.		·č	.0				.0	.0	io	.0	.0		.0		
33-4		.;			?.				.0			.0	.ŏ	3.			
41-46	.0	.5		.0					.0		ñ	.0	.0	. 0			
49-66	.0	.e		.5	.c	.c	. 0		. 7		. 7	.6	.0	.0	. e		
61-76	.0	.0		.5		·c	• *	,	.0		.0	.0	.0	٠.	•0		
71-86	.0		.0	.0	.0		• 0		• 0	. U	.0	.0	.0	•0	.0		
07+	• 0	. 6	. 1	. 0	.0		• (		•0	٠.	• 0	.0	• C	٠.	.0		
TOT PET	1.2	6.3	1.3	.0	- 1	. 0	8.5	<b>)</b>	1.4	7.0	3.1		. 2	.0	12.5	87.6	

THE REPORT OF THE PROPERTY OF

	-110	SPEED	(415)	VS SEA	нЕІЗНТ	(FT)		
нат	J-3	4-10	11-21	22-33	34-47	46+	PCT	101
<1	10.3	11.1	. 4	• ′		.0	29.8	***
1-2	5.4	19.1	4.0		. 0	. c	20.6	
5=4	. 2	7.5	7.5	1.0	٠.0	.0	16.1	
5-6	. 1	1.6	4.4	1.9	- 4	.0	0.4	
7	-0	. 2	3.1	2.5	. 4	• 0	6.4	
0-9	-0	. 1	. 4	2.0	1.0	. 0	3.5	
15-11	• •	• 0	. :	1.2	1.3	- 1	2.6	
12	-0	.0	- 1	.,	. 4	. 1	1.5	
13-16	• 5	.0	- 1	.7	. 7	. 3	1.9	
17-19	٠,٠	-0	.0	. 1	. 1	- 1	. 4	
20-22	.0	.0	• 3			.0	• 2	
23-25	-0	.0	.0	.:	.2	.0	• ?	
26-32	. ب	.0	• 0		- 1	. 1	• 3	
*3-40	••	.0	.0	٠.			•0	
41-41	•0	•0		• :			-0	
49-6.	٠.	.0		•0			. 3	
61-70	•5	.0	• C	٠.٤	٠.5	.0		
71-86	.3	.0	٠.	.0	- 6	.0	•0	
27.	-0	.с	٠.	.0	• 6	.0	.0	
								1335
TOT PCT	24.1	39.8	20.6	10.2	4.6	.7	100.0	

PERIO	D- 10A	EH-ALL	) 144	9-1979					TABLE	19											
					PFRCE	c£,	PUENCY 0	FWAY	/E HE 10	HT (F	) VS	LAVE PE	E E E O O	(SECON	053						
PEPIOU (SEC)	<1	1-2	3-4	5.00	7	8-9	17-11	12	13-16	17-16	20*22	23-25	50-35	33-40	41-46	49-60	61-70	71-86	87•	TOTAL	MEAN HGT
(6	7.6	16.5	12.2	4.8	2.7	1.3	. 8	- 2	.4	- 1	- 1	.0	. 3	• 3	٠.	•c	.0		.0	2296	3
6-7	. 2	2	4.9	5.6	2.9	1.5	1 - 1	. 7	. 7	- 3	. 1	•	. 2			-0	.0	٠.	-0	1012	6
8-9	•	. 8	1.0	1.6	1.3	1.1	. 9	.4	. 7	. 3	.2	• 2	•	.0	.0	٠.	.0	.0	-0	455	8
10-11	.0	. 6	. 6	. 6		. 4	.4	. 3	. 3		. 1	. 1	•	. 3		.0	•0	.0	•0	217	8
12-13			. 6	. 3	. 3	.2	•2	- 1	. 1	. 1	. 1	- 1	•		٠.	•0	.0	.0	•0	95	
>13		.0	.0	. 1	.2	. 2	- 1	- 1	• 2	.0	- 1	- 1		•		.0	.0	.0	.0	56	12
INDET	11.4	1.7	1.2	. 6	. 3	- 1	• 2	- 1	. 1	.0		.0	•	٠.		.0	.0	٠.	.0	780	1
TOTAL	945	1477	1053	687	407	. 46	195	89	121	52	35	21	11	2	C	0			0	4911	•
PCT	19.2	21.0	21.0	14.0	8.3	5.0	3.8	1.6	2.5	1.1	. 7	.4	+2		.0	•0	• 0	.:	- 0	100.0	

PERIOD: (PFIMARY) 1953-1979 (OVER-ALL: 1872-1979

TABLE 1

AREA CC'S GULF OF TEHUANTEPEC 14-1N 94-94

PERCENT	FREGUENCY	OF	-EATHER	OCCURRENCE	81	-IND	DIRECTION	

			F	RECIPI	141104	TYPE					01+EA	WEATHER	PHEND	MENA	
MAD DIS	RAIN	RAIN Shup	CRZL	FR2G PCPN	SNO	OTHEK FRZN PCPN	HAIL	OR TIME	PCPY PAST HOUR	IHDR LING	F06 90 PCP'	FOG VO PCPA PAST H'	SMORE HAZE	SPRAY BLAG DUST BLAG SNOW	
N		٥.	.0	.0	.0	٠.	٠.		.,	. 1	- 1	٠.	5.3	.5	94.6
NE	.2	. 1	٠.	.0	.0	٠.	.6	. 5	.0	- 1	. ?	٠.	2.6	•2	96.5
ξ	.5	.0	.0	.0	.0	.,	.0	• >	.2	• 2	. 3	٠.	2.8	.0	95.9
SE	- 1	. 5	.0	.0	. C		.0		.0	-1	.5	٠.	4.5	.0	94.3
\$	. 3	.0	.0	.0	.0		.0	. 3	.0	. 3	1.3	. 7	3.3	•0	94.2
S¥	.0	.0	.0	.0	.0	.0		• 10	•2	. 6	. 6		2.2	• ?	95.9
¥	.0	•0	٠.	.0	.0	. U	.0	د ۔	- 1	. 4	. 3		7.0		97.G
N.E.	.1	- 1	. 1	.0	.0	.0	٠.	. 2	• 2	. 2	. 3		3.2	.1	95.9
YAP	.0	.0		.0	.0	. 3	.0	. C		.0	.0	.0		.0	٠.
CALM	.0	-0	.0	.0	-0	. 3	· C		.2	. 3	2.1	٠.	1.3	.5	69.3
101 PCT	.1 7674	•	•	.0	•0	.0	•с	•1	•1		•6	•	٠.٥	.2	94.8

TABLE 2

### PFFCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			,	RECIPI	TATIO	N TYPE					GTHER	MEATHES	PHEND	MENA	
HOUR (GPT)	RAIN	RAIN Shar	DRZL	FRZG PCPN	SNOL	OTHER FRZN PCPN	HAIL	PCPN AT OF TIME	PCPN PAST HOUR	THDR LTNG	FOG HU PCPN	FUG WO PCPN PAST HT		SPPAY BL=G OUST BL=G SNOW	
00603	•1	•0/	.0	.0	.0		.0	• 1	•1	٠.	. 3	•1	4.3		94.6
12615	.2	لنميه	. 1	.0	.0	.0	3.	.3	•1 •2	.3	. e	.c .t	3.6 4.0	. 1	94.9
18651	• 1	-1	.0	.3	.0	•0	.0	-2	•	.1	٠.5	•	4.0	•2	95.0
101 PC1 101 065:	.1 7.89	•	٠	.0	.0	.0	٠.	• 1	-1	.2	.6	•	4.0	.2	94.7

TABLE 3

#### PERCENTAGE FREQUENCY OF WIND DIRECTION BY .PEED AND BY HOUR

		-IN	C SPE	EO EKNO	151								HOUR	16711			
WND DIR	7-3	4-10	11-21	22-33	34-47	48+	TOTAL	PCT	PEAN	0.0	03	30	09	12	15	14	21
							290	FRED	SPO								
54	2.8	8.3	5.7	3.4	1.1	-2		21.0	13.9	16.9	14.9	16.4	19.3	22.8	23.4	24.5	28.5
NE	1.0	4.3	3.3	1.9	. 6	. 1		11.0	14.5	10.8	10.5	8.5	10.1	10.4	13.8	13.1	16.2
£	1.0	3.2	1.5	. 3	- 1	.0		6.0	4.3	6.0	6.6	6.5	5.5	5.5	3.	6.5	4.9
SE	.7	1.8	• 2	•	.0	.0		2.7	6.0	3.4	2.5	2.8	2.6	1.7	1.5	3.1	3-1
5	1.1	2.4	. 3	.1	.0	.0		3.6	6.3	5.4	5.8	4.5	1.8	2.4	3.4	3.4	2.2
SW	1.5	4.6	.6	•	.0	.0		6.7	6.5	9.4	7.9	7.7	4.5	4.3	6.1	5.7	6.0
*	3.3	12.0	2.3	•	.0	.0		17.7	7.0	19.1	23.3	19.3	16.4	17.7	15.0	15.5	15.0
NY	2.5	10.7	2.7	.6	. 2	•		17.1	8.3	14.7	12.0	15.4	21.7	19.4	21.0	18.4	15.3
VAR	.0	• C	٠.	•0	.0	.0		.0	.0	•0	.0	.0	.0	.0		.0	.0
CALM	13.8							13.8	٠.	12.2	16.5	19.0	16.6	15.8	12.1	9.9	6.4
101 OES	2296	3444	1328	522	162	23	e215		8.6	1848	121	1732	210	1056	223	2206	219
TOT PCT	27.9	47.3	16.2	6.4	2.0	. 3		160.0		106.0	100.0	160.0	160.0	100.0	100.0	100.0	100.0

TABLE 3A

		►INC	SPELO	(KNOTS)						HCU	1 (GPT)	1
AND GIR	3-6	7-16	17-27	28-43	41.	TOTAL	901	MEAN	96	63	12	18
						OBS	FREO	\$ • 0	C 3	C÷	15	21
N	7.2	6.6	4.3	2.2	.5		21.0	13.9	10.7	16.7	22.9	24.9
46	2.8	4.3	2.6	1.3	- 1		11.0	14.5	10.4	8.6	10.4	13.4
٤	2.8	2.4	. 7	- 1	•		6.0	9.3	6.1	6.4	5.3	•.3
SE	1.8	.9	•	-0	.0		2.7	6.0	3.4	2.5	1.7	3.1
\$	2.5	1.3	•	•	. 0		3.8	6.3	5	4.2	2.5	3.3
Sw	4.1	2.5	. 1	•	.0		6.7	6.5	9.3	7.4	4.5	5.9
<b>*</b>	9.4	7.4		•	.0		17.7	7.0	19.3	14.6	17.4	15.4
Na	9.1	6.4	1.2	. 4	•		17.1	0.3	14.6	16.0	19.6	14.1
/1P	.0	.0	.0	•0	٠.		ع.	٠.	.5	. C		
CALH	13.5						13.6	.0	12.5	18.5	15.3	9.6
101 005	4414	2649	767	331	5.4	8715		8.6	1969	1942	1879	2+25
TOT PCT	53.7	35.5	9.3	4.0	. 7		100.0		106.0	1:0.0	100.0	100.0

=18CH

PEPIOG- (POIHERY) 1465-1474 1048-4661 1672-1479

14 PLF 4

AREA CO'E OULF OF TEMUANTEREC 14-14 94-74

THE COLUMN TO THE PROPERTY OF THE PROPERTY OF

PERCENTAGE FREQUENCY OF ALME SPEED BY HOUR IGHT)

				. INU	SPEED (	KNOTSI			PCT	TOTAL
HÇUA	CALM	1 - 5	4-10	11-21	22-33	347	46.	"LAN	rarc	055
66203	12.5	15.3	**.8	15.3	6.2	1.6	.5	8.6	100.0	1969
43363	10.9	13.3	40.0	13.9	4.5	1.5	. 2	7.7	100.5	1942
12615	15.3	12.5	46.7	17.5	6.3	1.5	.:	٥.6	1'0.0	1679
1 1471	9.6	15.4	46.9	17.7	7.7	2.4	.2	9.3	170	2425
Tyl	1136	1150	3564	1320	522	16.	2.5	*.6		4215
251	15.6	14.1	**.3	16.2	6.4	2.3	. 5		100.0	

'A-LE "

TABLE 6

٤	CI FAL			CLUUD A		E16#1#\$1							CEILIN					
ND 017	~-2	3-4	5-7	69.60	TAL SBS	CF 3nu CF 3nu	7J5	150	30^ 50¢	653	1 107	3000	35.0	50L*	6560	6630.	%H <5/8	
						1.7	-					.,					-	
	15.3	5.1	2.:				- 1	• C	•	. ?	• 3		. 1	• 1	•	- 1		
NΕ	7.8	1.4	1.1	. 4		1.7	.0	•	•	•	. 2	• 1	. 1		٠,	•		
ε	4.5	. 9	. 6	- 2		1.6	•	•	• C	•	. 1	•		•	. 1	.0	5.8	
3 €	1.7	. 4	. 4	. 1		2.3			•	•		. 1			•	• 2	2.4	
Š	2.5			. 2		2.0	.1	•		. 1	. 1	•			.0		3.7	
S h	4.4	1.2	. ,	. 2		2.0		.0		. 1	. 1	. 1				• 9	6.1	
	17.1	5.9	1.9	. 3		1.9	•	.0	• 1	• 2	. 3	. 2	. 1	•		•		
44	11.4	3.1	1.5	. 4		1.9	•			. 2	• 2	- 1	. 1		•		15.6	
,	. 0	.0		. r			• 0	٠.	.0	.0	٠.	.0	.0		.0	.0	.0	
-46"	17.3	2.5	1.3	. 3		1.5	- 1			- 1	. 1	- 1	. 1				13.2	
101 005	1372	1032	65^		6221	1.5	19	8	16	56	58	65	28		13	16		6221
TOT PET	10.3	10-6	12.7	2.5	100.0			- 1	. 2	. 6	1.5	1.0	-6	. 1	. 2		64.4	100.0

TABLE 7

CUMULATIVE PST FREG C"	-ULTANEOUS OCCURPENCE
OF CEILING HEIGHT IN	SAVES AND VSRY INSS

				AZBA (FR	1)			
CEILING	: 0R	: CP	. ^9	: OR	= ¢R	= 0R	= CR	= 52
(FEE1)	/17	>5	>\$	>:	>1/2	>1/4	>50+5	>0
: CR >6500	.5	.5	.5	-5	.5	. 5	.5	. 5
- 01 >5CCC		. 6	.6	. 6		. 6	. 6	. 6
= v= >3500	1.1	1.2	1.2	1 - 2	1.4	1.2	1.2	1.2
2 32 22000	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2
: 32 >1000	3.4	3.6	3.0	3.5	3.6	3.9	3.*	3.6
0. >500	4.1	4.6	4.7	4.7	4.7	4.7	4.7	4.7
2 UK >200	4.4	4.5	4.5	4.0	4.5	4.4	4.9	4.9
: 0. DISC	4.4	4.9	5.0	5.5	5.6	5.0	5.0	5.0
= 20 > D	4.5	5.1	5.2	5.2	5.2	5.2	5.3	5.3
1014	. 242	321	325	3 7 7	3.7	337	342	3 - 3

"offic number of case 6425

PCT FR. " NH 45/F: 94.

TABLE TA

PERCENTAGE FRES OF LOW CLOUDS (EIGHTHS)

- 1 2 3 4 5 6 7 \* OSCO CES

PERIOD: (PRIMARY) 1953-1979 (OVER-ALL) 1872-1979

TABLE P

AREA MONE GULF OF TEHUANTEREC

	815-1414						.,	266 6					14117
		P	ERCENT						UKRE CI			UFPL• C	10 3
V58Y			۸ŧ	£	SE	5	Sa	•		VAP	CAL"	P(I	101/2
(100	PCP	٠.	.3	.c	.0	.c	٠,٠	.0		• ^	٠.	.0	•
<1/2	NO PCP	. 5		•••	.0		•	- :	•			.2	
	101 1	.0	•	•	.0	•	•	•	•	.5	. i	.;	
	PCP	.0	• າ	.0	.0	.0	.0		.5	. 2	• ?	.0	
1/251	NO FCP	.0	•	. 2	.0	.c	•	٠,٢	. 5	. `		•	
	lot i	• 7	•	•0	.0	••	•	•*	. )	• ^	•	•	
	FCP	٠,	.0	.:	.0	.0	. 3	.c	٠.	.0	.^	.0	
1 ( 2	NO PCP	•	• 1	•	•	• 0	• 0	.:	•	٠.	•	- 1	
	151 2	•	•0	•	•	.0	• 3	•0	•	• 2	٠	- 1	
	PCP	.0	•0		•	•	٥.	.~	.0	٠.	•^		
245	MO MCD	. 1	•	•	٠.٥	• 3	• 1	٠	. 1	٠.	• 2		
	101 1	- 1	•	•	•	•	- 1	•	- 1	·r	- 1	. 5	
	PCP			.0	•	٠.	٠,	٠.	3.	٠.	.0	. 1	
5 < 10	NO PLP	1.7	. 7	. 5	• • •	.7	. 3	. 7	. 8	٠.	1.4	5.4	
	ici i	1.5	. 7	• •	••	•2	• 3	.7	. 5	. '	1.	6.4	
	PCP	• C	•		.0	.0	.0	٠,	•	٠.		- 1	
10+	NO PCP	19.2	10.3		2.5	3.7	6 . 3	.7.[	16.1	. ?		92.7	
	TOT 1	19.7	10.3	5.8	2.5	3.7	6.3	17.0	10.1	٠.	11.6	42.5	
	101 065												76 6
	TOT PET	21.1	11.1	4-1	7.7	7.6	17	17.2	17.0		11.6	100.3	

TAFLE S

			1						VS 41' ISI: 11		££		
¥88¥	196 215	n	٧£	٤	se	\$	٠.	•	15	*45	CALP	-11	TOTAL
	5.3	.0			.0	.6	. 6	•		•0		- 1	
(1/2	4-10	•		٠.		•	•		.0	.0			
	11-21		•	.0		•	• •	.0	٠.	.:		•	
	.2.		. 3	.0	a.	.0	٠.	.0	-6	.3			
	101 \$	•	•	•	•\$	•	•	•	•	.c	. •	- 2	
	0-3		. 0	.s	.0	.0		• 1	.0	٥.	•	•	
1/2<1	*-1C	.0	-0	r	٠.	.0	•	• ••	e	.5		•	
	11-71	.3	-5	• 0		.0	.,	.0	٠.:	. 4		. 3	
	12.	٠.	•	٠.	-0	٠.	• -		- 3	.1		•	
	101 1	. 2	•	.5	•0		•	٠٠	•	.0	•	•	
	6-3	-0		.4	.0	.0				,.		.:	
1,5	4-10	••		•	•	• C	• •	.5	•0	٠,٥		•	
	11-71	+ 3	•		• ?	.0		.5	•0			•	
	224	•	•	••	٠.٥	. 5			•	.0		•	
	101 1	•	•	•	•	٦.	••		•	•0	•	• •	
	a = 3	•		•4	-0	-0	•		• 0	•6	. 1	• 2	
250	4-17	•	•		•	•	- 1	. 1	•	. 0		• 3	
	11-51	•	•	.5	• 5	.0	••	•	•	٠.		. 1	
	c2.	. 1	•:	••	• C	•	٠ĉ	- 0	•	.0		• 4	
	101 1	•2	• 1	- 1	•	•	- 1	1	• 1	.0	• 2	. 1	
	4.2	• 1	.1	.:	٠	•		- 2	• 2	٠.	1.5		
5<20	4-10	. *	- 1	- 1		• • •	.:	.5	• •	.5		i.5	
	11-51	,	• ?	•	•	•	•	• 1	• 2	••		.9	
	. 7 •	.•	• •	•	•		• 13	•	- 1	- 0		١.٠	
	:0 1	2.5	• •	.3	• 7	•2	• :	• • •	٠,	٠.	1.3	5	
	U-3	2.4	. 0	. 4	. 7	1.0	1.5	3.:	2.6	•	:2 1	25.3	
:::	4-10	7.7	4.1	3.2	3.7	2.3		11.5	15.	ί		**.5	
	11-71	4.6	3.0	1.5	• 2	- 3		2.3	2.6	٠.		15. :	
	22.	3 2	2.1	. 3	•	. 1	•	•	. 7	3.6		7.1	
	70	10.7	2 -1 . 2	. 7	7.6			14.4	14	•		02 6	

101 065 101 PCT 21.2 13.0 PARCH

PERIOD: (PRIMARY) 1952-1979 (U/ER-ALL) 1672-1979

TATLE 10

AREA OCCA GULF OF TEHUANTEPEC

ERCENT	FREQUERCY	OF	CEILIN	G HELGH	15	IFEE I . NH	131.	41.0
	occus	RE	VCF CF	NH (5/4	â١	HOUR		

PLPIOS. (PPIMARY) 1951-1976 (CVEP-ALL) 1872-1979

14ott 17

APEA OUTS COLF OF TEHUANTEPEC

PCT	FREC	(F	115	TEMPERATURE	101.	1 44	C THE	cer	RELNCE	SF FOS	(=11HCU1	PPL (15 1"411)	٠,,

AIR-SEA	65	69	? 3	7.7	e 1	15	84	>92	1 7		
IPP JIF	e F	12	7 e	36	64	6.8	92			• 00	10-
23/25	.0	.0	• 6		r		.3	٤٠	1	. (	
26/22	٠.	.0	٦.	.0	• €	• t	•	. 5	1	.0	•
17/19	٠.		3.			ن ،	.c	. 3	1	٠.	•
14/16	. 3			•	- 1	•	. 3	•	16	• 5	- 4
11/13		. 3		. 1	- 1	• 4	- 1	. 1	4.6		. 7
9/10		٠.	. (	. 1	. 3	.2	.2	. 1	6.2	•	
7/3	.0	•		. 5	••	• • •	. 3	•	112	• 0	1.6
,	٠.	.0	. 2	-2	٠.		. 1	.2	9.6	.0	1.4
5	• 0	•	. 2	. 4	٠,	1.5	. 3	•	216	•	5.0
4	٠,	•	.2	.6	1.4	1.4	. 2	. L	272	•	3.6
;	.0	. 1	. 7	. 9	:.6	1.6	- 1	. 0	.50	.0	4.4
	•	- 1	• :	1.4	3.7	1.7	•		374	•	7.4
1	.0	. 1		1.8	4.4	2.3		.0	576	- 1	7.5
J	.0	- 1		3.6	5.7	1.2	•	. 5	1441	• 1	14.4
-1	•	- 1		3.3	7.4	. 6	• 2	. 3	64.	- 1	12.2
-2	•	. 2	. 7	5.3	6.9	. 2	• 3	.0	94.5	- 1	13.1
- 3	. 0	- 1	. 4		4.1	• 1	. 9	.3	651		4.6
-4	.0	• 5	. 2	4.3	2.7		. 0	.0	569	•	7.4
• >	.0	. 1	. 6	3.3	1.4	•	. 3	٠.	372	•	5.1
-6	•	- 1		1.7	. 4	• [	. 0	.3	214	•	3.5
-1/-6	•	- 1		1.2	• 4	• 2	.0	. ၁	177	٠.	2.2
-9/-10	4	- 1	. 4		•	•	٠.	.0	61	•	. 8
-11/-13		. 2	- 1		٠.		.0	.0	26	.0	
-1-/-16	•	•			- 0	٠. ت	.0	.0			-1
TOTAL	11		531		3764		1.9			40	71.75
		131		2359		740		16	7219	_	
PCI		1.0	7.4		45.7	11.1	1.5	.2	100.0	• 6	( y . u

PEPIOD: (0VER-ALL) 1953-1979

146LE 18

PCT FREG OF	<b>≥1</b> 50	SPELO	(KTS)	ALD	CIPECTION	VE 4 SUS	SEA	HEIGHIS	161)

				`							١.			
HGT	1 - 3	4-10	11-21	22-33	34-47		PCI	1-3	4-10	11-21	22-35	34-47	46.	t(.
<1	1.0	1.7	.:	.0	-C	ن.	2.0	. 5		.0	.3			1.4
1-7	.5	5.6	. 7	• (.	- 1	.0	6.0	.3	3.2		٥.	•	.0	4.5
3-4	- 1	1.6	2.1	. 3	٠.	•0	4.1	.0	1.2	1.5		.0	٠.	3.0
5-6	.0	. 2	2.5	-6	- 1	.0	3.1	2.		. 9				1.7
7			1	4.3		.1	2.8	.0				.;		1.7
8-9				1.0			2.0	.0			.;	::	3.	٠.,
10-11	.0	, č				. 1	1.2			.;	.;	:;		
14	.0			. 3		::				:.	.;	• • • • • • • • • • • • • • • • • • • •		
13-16	.0	3.5	::		::	.;		::						
17-15	.0	.0		.5			.c		د. ن.	::	.0		. 1	:1
20-22	.0			۵.	.1	.1	.7					- 1	• •	
23-25	.0				::				••	• 2	.5	• •	•	- 1
		.0		.0		٠.	-0	.0	• -	• ?	• •	.1	••	- 1
26-32	-0	-0			•6	٠.	. 2	.0	••	• 0	٠.	••	٠.	•^
33-40	•0	•0	• ?	.0	-3	-0	.0	• 9	.0	•^	٠.		٠.	• `
11-48	.0	•0	.0	٦.	.0	٠.	.0	.5		•0	٠.	.0	٠.	• •
49-60	.0	.0	٠,	.0	•0	.0	.0	.^		. າ	••	.5		• "
6:-10	٠.	.0	• ^	٦.	•0	.0	٤.	٠,		• 0	٠.		- 4	•-
71-86	.0	.0	• '	.c	•€	-C	٠.0	• 2	ن	• ^	٠.	٠.5	٠.	. 7
87-	.0	.0	٠,٠	٥.	٠,	.0	-0	.1				- 3	••	• • • • • • • • • • • • • • • • • • • •
TCT PCT	1.6	9.3	7.1	4.5	1.4	. •	24.3	1.0	5.4	4.7	2.4	1.1	- 1	.4.3
нст	1-3	4-10	11-21	55-33	34-47	44.	PC1	1-3	4-1-	11-21	22-33	34-47	***	451
<1	. 3	. 9	3.	.0	.0	-0	1-2	-1		. 3	.0	.0	٠.	
1-2	. 3	1.6	1.0	-C	• 0	٠.	2.5	•	1.2	.:	• •	• ?		1.3
3-4	.0	. 7	1.^	٠.	• ?	.5	1.7	.0			.5	.0		
5-6		.2		-1		٥.		. 5		•		.5		•
,	.0			-1	• 2	.0	.6	.0		٠.		.5		. 1.5
A - 4	. 6	.0	. 2	• 1	.0	.0		.0		Ī,				
10-11		.0		.1	i.c							٤.	3.	
12		.0			.5	.5	- 11	.0		.0	3.			
13-16	.0		9.		::		.;						:.	1
17-15	.0		3.		.0	.0		·-				÷		
20-22	.ŏ			3.				:				.;	3.	ž
23-25						.5	::	:3		:,			٠.	ř
26-32				.č	::	.0	.š		.5	.0	.c	.5		
33-40	.0		i č			ă.	.5	:5				.3	٠.	
41-48	.0		·:	.5	.;			.3			٠.		• •	• • •
49-65	.0	.0	.0	.0	.0	.0		.0				•5	ع.	:-
61-70	.;	.0	.0						• •		•••	.0	٠.	
						ن.			• C	••	.0	.c	• C	••
71-46	•0	• ?	• •	٠.	·.	.0	• 5	• 2	••	••	٠.	٠.	• •	. າ
\$7.	٠,		• • •	٠.5	•:	• • •		.5			• •		٠.	•
101 PC1	. •	3.5	۲.3	.5	.0	•0	7.5	.1	2		. 3	.0	••	7.4

				PC	I PALO	2140	SPEED	IN.21 MAD CINC	CIION V	F#302 2	EA MEIG	H12 (11)			
				\$							S &				
HST	3 - 2	4-13	11-21	22-33	34-47	48.	PLI	1-3	4-10	11-21	55.33	34-47	*8:	, ¢ 1	
(1	• •		• 1	.c	•6	•0	. • •	••	1.5	•0	•0	•0	٠,	1.6	
1-7	-1	• •	• •	ن.	•6	.5	1.4	• ?	2	• •	٠.	-0	٠,	3.0	
3-4	•c	- 3	• •	•c	٠c	٠c	• •	-3	• >	. 3	.0	.0	٠.	1.1	
5-6	• 6	• 1	•:	.1	•0	.0	• • •	•0	•		.5	.0	.6	- 1	
. 7		•4	• -		•0	.0	•0	•0	٠.			.0		.с	
3-9 13-11	:	ي.	.5	٠.	•0	.0	• ?	•0	٠.	• 2	.0	.0	٥.	•n	
		٠.	••	- 1	-0		- 1	•5	٠.	.0	:	.3		:	
12	.0	• 6	• (	•c	•0	٠.	.0	.c		.0	•0	.0	٠٢	•0	
13-1c	.0	• •	• 6	•¢	•c	• •	.0	•0	.5	.0	• • •	.0	٠٥.	•5	
17-19	J.	٠.,	ر.	٠.	3.	٠.	•0	• 2	٠.	2.	-0	.0	•0	.0	
56-55	.0	• 5	•-	.0	٠.	٠.	.0	٥٠.	٠.	.0	٠.	•c	٠.	• ?	
23-25	.0	. 0	• **	• (1	•0	.0	.0	٠.٠	.0	•0	-0	•0	·¢	.0	
26-32	.0		• 3	•c	.0	.0	.0	ĵ.	٠٠	.0	.0	.0	ي.	- 2	
33-40	.0	٠.	• •	•5	.0	٠.0	. 3	•3	.0	•0	٠,	.0	.0	•0	
41-45	.c	-¢	• •	ي.	٠.	-0	.0	.0	• 6	٠,	٠.	.0	٠٠	.0	
49-60	•6	•0	-0	•¢	•0	•0	••	•0	٠.,	.0	٠.	•¢	٠,	.c	
61-73	•0	.0	•:	• C	• ?	٠,	.0	.0	٠.	•0	• •	•0	٠.	- 0	
71-86	•0	.3	. 6	•c	٠.	. 3	.0	• 2	٠.	3.	-0	.0	٠,	.0	
370	٠.		• 0	- 0	- 3	٠.	.0	•0		٦.	.0	.0	٠.	.0	
TOT PCT	• 5	1.7	.6	- 1	٠,	.c	2.9	1.3	3. +	.5	•	.0	٠.	5.7	
				w .											TOTAL
HGT	1-3	4-16	11-21	22-33	34-47	44.	PCT	1-3	4-1-	11-21	22-35	34-47		PC.	PCT
<1	i.í	1.6	· .c	3.			2.7	1.6	2.3	0.		.0	٥.	3.5	
1-2	. 5	6.4			.0	٥.	2.0		5.5	. 6	.0			6.7	
3-4	.0	1.1			. 0	.5	1.4		2.4	1.6		.0	٠.۵		
5-6	.0	• • • • • • • • • • • • • • • • • • • •	. 3			.5		.5	• • •		.2			. 8	
٠,٠	.5	.5	ii	.5				•0		- 33			•		
4-9	.5	.5		5.	3.	.0	.0	.0	. 1	.2	. 1		.0		
10-11				.6	3.	.5	• • • •						. č		
12	• 2	.0						.0			-:	.5	٠.	•	
13-16	3.			.0	.0			·č		.0		.0	.c		
17-15	٠,٠	.5	::	.5				.0		.0	-0	.3	۵.		
20-22		3.		3.	.5		.5	.0	3.	.5		·ó	۵.		
23-25	·c		• • • • • • • • • • • • • • • • • • • •		.5	.č	.5	.c			.0	.0	3.	.0	
26-32	3.			۵.	.0	٠.:		.c					3.		
33-96	i.c		·.			 3.	.5			:6			3.5	::	
41-44				.č	::	.c		.0		.5		.5			
49-6C	.0		:-	2.	ž.	.5	.5	•0				.0	3.	.5	
61-76	.c	.0	:	3.	:-	٠.	.5	3.	.5		3.	.5			
71-06	.0			ž.	٠:	.5	·			.č		.:			
17.	.š		:-		.0	.č	::	.0		3.	.5			.0	
161 PC1	1.9	9.3	2.4				12.3	2.4	10.1	3.4	. 6	.1	•	17.0	87.8

WIND SPEED (#TS) VS SEA HEIGHT (FT)

HG1	J-3	4-10	11-21	22-33	34-47	***	<b>*</b> C1	101
<1	19.0	8.5	.2	٠.	٠.	.0	27.7	oes
1-2	3.9	26.4	4.4	. c	- 1	-0	14.4	
3-4	. 7	7.9	7.2		٠.	.0	16.6	
5-6	.c	1.0	4.5	1.5		.0	6.8	
7	-0	. 3	2.5	2.4	.6	. 1	6.0	
8-9	.0		1.5	1.5	• 2	.0	3.3	
13-11	.0	.c	. 6	1.0	. 3	. 1	2.2	
12	. 3	.0	- 1		. 1	- 1	. 4	
13-16		.0	.1	٠.	-6	. 2	1.4	
17-17	٠.		٠.	٦.	- 1	-0	.1	
20-23	.0	.0	.0	2.	.2	- 1	. 3	
23-25	.0	.0	٠.	.0	- 1		. 1	
26-32		٠.	٠.		٥.	.0	٠.	
33-40	ن.	.0	.c	٠.	.0	. 0	.0	
41-44	.0	.0	٠.	.0	٠.	.0	.0	
44-67	٠.	.0	.0	ء.		-0	.0	
61-72	- 3	٥.	.0	.0		-0	٠.	
71-26	٠ć	.0	٠.	. 2	.6	.0	.0	
• 7 •	- 3	.0		٠.		.0	.0	
								1437
TOE PCT	23.7	**.*	20.7	*.2	2.5	. 6	100.C	

PEFICO: : CVEP-ELL | 1949-1976

TABLE 15

PERCENT PREDUPACY OF MANE HEIGHT IFFE VS WANG PERIOD (SECONDS)

< 1	1-2	3-4	5-6	,	1-9	10-11	12	13-16	17-19	20-22	27-25	26-32	33-40	41-40	44-+8 (	1-76	71-85	47-	TOTAL	M(AN MGT
0.1	19.1	13.7		1.5		. •		. 7	•	.0	.0	.0	-0		.0	.0		٠.	2674	3
	2.6	5.3	٠.٤	2 - 3	1.4	. 7	. 5	. 5			•	•	٠.		.0	٠٤		.0	**:	5
- 1	1	2.1	1.5	1.2	. *	. 6	. 3	. 7	- 3	- 1	+ 1	. 1		٠.	٠.	.0	.5		440	•
. 0	. 9	. 7	. 7		. 3	. 3			•	. 1	•	•	•	٠.	.0	٠.	.0	.0	222	7
.0		. 6	. 3	• 2	. 1	• 1	. 1	. 1	•	. 1	-6		. 5	٠.	-0		د.	٠.	108	,
.0		.0	. 3	• 2	- 1	- 1	. 1		•	. :	•	•	•	٠.	٠.	.0	. 5	.0	57	11
13.2	1.7	1.6		. 5		. 1		. 1	•		.0	. 3	.0		.5	٠.	٠.	.с	+77	1
1150	1+33	1346	690	3 . 7	264	127	80	121	21	20	÷		2	٤	•	C	5	Ü	5509	•
26.5	25.5	24.4	12.5	6.3	3.7	2.3	1.5	2.2				.2		٠.	.0	٠.	. 2	-0	160.0	
	5.1 .0 .0 .0 .0 12.2	0.1 10.1 .2 2.6 .1 1.0 .0 .9 .0 .6 .0 .6 .12.2 1.v	6.1 19.1 13.7 .2 2.6 5.3 .1 1 2.1 .0 .9 .7 .0 .6 .9 .00 17.2 1.v 1.a	0.1 19.1 13.7 0.0 22 2.6 5.3 0.1 11 10.2 2.1 15. 20 1.0 0.7 7. 20 1.0 0.3 11.2 1.0 1.8 50	5.1 10.1 13.7 **6 1.5 .2 2.6 5.3 **6 2.3 .1 10.2 2.1 1.5 1.2 .0 .0 .7 .7 .7 .5 .0 .6 .9 .3 .2 .0 .1 .0 .3 .2 10.2 1.9 1.6 .7 .5 11.5 1.3 1346 .90 547	0.1 10.1 13.7 0.6 1.5 0.6 0.2 2.6 5.3 0.6 2.3 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.1 19.1 13.7	0.1 10.1 13.7 0.6 1.5 .8 .0 .2 .2 .2 .2 .5.3 0.6 2.5 1.0 .7 .5 .1 .2 .0 .0 .0 .2 .2 .1 .1 .1 .2 .2 .1 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2 .2	0.1 19.1 13.7 *.6 1.5 .4 .* .2 .2 .2 .2 .2 .2 .5.3 *.6 .2 .3 1.4 .7 .5 .5 .5 .1 .1 .1 .2 .4 .4 .7 .5 .5 .5 .5 .1 .2 .4 .4 .7 .5 .5 .5 .5 .1 .2 .4 .4 .4 .7 .5 .5 .5 .5 .2 .4 .4 .4 .4 .5 .2 .3 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4 .4	0.1 10.1 13.7 4.6 1.5 .4 .4 .2 .2 .7 .4 .2 2.6 5.3 4.6 2.3 1.4 .7 .5 .5 .2 .2 .1 1.4 .2 .1 1.5 1.2 .6 .6 .1 .3 .7 .5 .5 .2 .1 1.4 .2 .1 1.5 1.2 .6 .6 .6 .3 .7 .1 .1 .0 .0 .6 .3 .7 .1 .1 .1 .1 .1 .2 .4 .6 .6 .1 .1 .1 .1 .1 .2 .4 .1 .1 .1 .1 .1 .1 .1 .1 .2 .4 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1 .1	0.1 10.1 13.7 0.6 1.5 .4 .0 .2 .2 .0 .0 .2 .2 .0 .0 .2 .2 .2 .0 .0 .2 .2 .0 .2 .0 .2 .0 .2 .0 .2 .0 .0 .2 .2 .0 .0 .0 .2 .2 .0 .0 .0 .2 .2 .0 .0 .0 .0 .2 .2 .0 .0 .0 .0 .2 .2 .0 .0 .0 .0 .2 .0 .0 .0 .0 .0 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	0.1 10.1 13.7 0.6 1.5 .6 .0 .2 .7 0.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	0.1 19.1 13.7 4.6 1.5 .8 .8 .2 .7  0.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	0.1 10.1 13.7	0.1 10.1 13.7 0.0 1.5 .4 .0 .2 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	0.1 19.1 13.7 0.6 1.5 .4 .0 .2 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	0.1 19.1 13.7 4.6 1.5 .8 .4 .2 .7 . 0.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	8.1 19.1 13.7 *.6 1.5 .8 .8 .2 .7 * .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	0.1 19.1 13.7 0.0 1.5 .6 .0 .2 .2 .2 0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	0.1 19.1 13.7

APER MODE SULF OF TEMPANTERED

PIPCENT FREQUENCY OF BEATHER SCOURPENCE BY WIND DIRE	CLAT F	AT FREQUENCY	OF	.EATHER	JCCUSPENCE	* *	34	DIRECTION
--	--------	--------------	----	---------	------------	-----	----	-----------

			,	RECIP:	14110	. 1196					CIMER		PHFNO	MENA	
MMD DIR	8116	PAIN Smah	3P.7L	F CPN	5404	FRIA FRIA PCPN	MAIL	PEPS AT OB TIPE	PCPS PAST MOUP	IH^4 LING	FGG DCPL	F65 #6 P604 P451 H	SPORE	500A7 8145 JUS' 8146 JNOB	40 5:6 464
•			- 1	.0	.c		.1		• 2	٠.	. 6	.:	•.2	.:	89.8
16		- 1	. 5	.0	-0		.0		. 5	.5	•	ے۔	7.5	. 3	5 . 6
i i	. 2	. 7		.0	٠.			. 9		1.			12.9	. 3	£4.4
še	- 3	1.0	.0	.0		.3		1.3	. 5	.,	-2		10.2	.0	30.4
- ;	1.2	.0	3.	.0	3.	.5	٠.	1.2		1.6	. 5	٠.	9.1		46.9
Š.	•	. 3		.0				•	•		. 3		11.2	•	27.6
-	.2	.2	.1					. 5	.5				9.0	- 1	89.4
	.2							. 3		. 7	. 7	٠.	€.3	. 1	24.0
VAR			.5						3.	.0	٠.			.:	
CALM	.2	.1	.1	.5	-0	. 3	.0			. ŧ	1.4	٠.	17.1	. 1	79.8
101 PC1	7179	•2	.1	.:	.0	•5	•	• •		.7	.5	•	10.2	.:	47.7

TABLE 2

#### PERCENT EPEQUENCY OF MEATHLS OCCUPRENCE BY HOUR

				RECIPI	14110	. 1156			C1+E0		-HENDMENA				
H( JP (G= )	PAIN	PAIN SHAP	DRZL	FAZG PCP4	\$40.	CIMES FRIM PCPN	**!.	PCP\ A1 00 11"E	PCPN PAST HCUF	THOR LING		FOS HC PCPN PAST HT	75.47	SPRAY PL-G DUST PL-G SNC-	NO 516 -[A
JCE03 06669 12615 18621	.1 .2 .5	.1 .2 .4	.1 .1 .1	.0	.0	 .:	.0 .0	.:	.1	1.3 1.4	.3	.; .; .1	10.9 A.6 10.7 10.4	.1	50.3 69.3 65.7 87.8
101 PC1	7633	•2	- 1	.0	-0	.5	•	.:	.•	. 7	-5	•	10.1	-1	87.6

TABLE 3

#### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND MY HUDA

		-11	0 5861		151								HSUF	(6*1)			
440 010	0-3	4-10	11-21	22-33	34-47	44.	TOTAL	FAES	SPS	60	03	06	3*	15	15	14	21
*	2.3	6.9	3.0	2.2	.5	•		15.£	12.2	12.7	;0.1	11-1	16.4	17.2	16.9	25.9	20.5
NE	1.3	4.1	2.4	1.4	- 3	•		9.5	12.5	9.2	4.1	6.7		9-1	12.3	13.0	11-3
Ε .	1.0	3.6	. •	-2	•	-0		5.7	4.1	>.4	4.3	5.9	3.2		* . 7	6.4	3.9
šE	1.0	2.3	. 5	•	•	-0		4.3	6.6	5.3	5.4	5.8	1.4	3.0	2.5	3.7	2.4
5	:.0	3.0		•	•	.0		*.*	4.3	5.8	6.0	6.2	4.0	3.0	2.5	2.9	2.1
Š	1.6	5.0	. 6		•	.0		7.5		10.5	12.0		6.5	4.7	7.5	4.4	10-1
-	3.7	14.4	2.7	- 1	٠.			26.9	7.0	22.4	28.3	22.3	22.2	22.3	22.5	24.3	20.0
		11.1	2.4		.1	•		17.3	7.5	14.0	14.9	13.4	14.4	21-1	19.4	20.0	22.1
YAR			.0	.0	٠.	.3		3.			٠.٥		.:	.0	3	٠.	.0
CAL .	14.6							19.6		12	9,9	10.7	18.3		11 ?	12.0	7.0
101 Cm5	2345	4013	1109	340	74	3	7469	•	7	1863	121	1643	15-	1541	201	2362	100
TOT P61	29.7	50.9			1.0			100.6					1.6.0	100-0	160.0	1.0.0	193.0

49LE 34

		- 140	SPELO	*******						MOLE	4671	•
ALC DIR	5-6	7-16	17-2	ZP-40	*1*	TETAL	PCI	~E & ~	50	36	12	18
						CES	FRES	SPO	03	29	15	21
	••0	5.4	2.9	:.2	.2		15.8	12.2	12.4	11.6	17.2	20.4
NE.	3.3	3.5	1.0	. 6	•		4.5	12.5		7.5	4.5	12.4
€ .	3.6	2.2		. 1			5.7	* . i	:	5.6	5.3	- 1
se	2.5	1.4	- 1	•	.0		4.3	6.6	4.3	5.4	2.5	£
\$	2.9	1	. 1	•	٠.			6.3	5.4	6.1	2.5	,
Šb	4.2	3.2	. 1	•			7.5	4.4	10.4	9.4	5.2	
	13	9.2					20.5	7.0	25.2	:2.3	22.0	20.7
	9.9	7.0	. 7	• 2	•		17.3	7.5	11	:3.6	25.9	20.2
WAR	-0	.c		.0	.0		.5	٠.	. 3			٠.
CALP	14.6						19.6	.5	14.5	16.6	15.6	11.5
101 005	9521	2695	514	191	10	7459		7	144-	1652	. 792	2201
161 PC1	57.3	33.5	6.5	6.5			100.0		170.0	1"0.0	100.6	106

APRIL

PERIOG- (PRIMARY) 1953-1979 10988-4111 1862-1979

TABLE 4

AFEA TOTA COLF OF TEHUANTEPEC

PEPCYMIAGE FPEQUENCY OF WIND SPEE	D MY 4	471 0 164	٠,

				6163	SPEEC 1	KNOTSI			PEI	TOTAL
406.8	TALF	1-3	13		22-33			PEAN	FREC	085
074(3	14.3	16.1	51.6	13.0	3.7	. 9	٠.	1.2	140.0	1984
V^4333	10.6	23.7	51.0	11.5	3.5	1.0	.:	6.9	100.6	1052
12615	14.6	14.6	51.5	13.6	4.4		. 1	7.3	100.6	1792
1*421	11.5	15.9	46.7	16.4	5.2	1.2	. 1	4 - 1	126.0	2261
Tu1	1149	11/4	-01:	1109	340	79	3	7.4	-	7889
0.1	:4.6	15.7	57.6	14.1	4.3	1.0	•		tes.c	

TAILE S

TAPLE 6

٩	C1 FEE			CLUUD A		E16=1×53		,					CEILIN NH (5/					
-ro 012	C-7	3-4	5-7	* £	101AL	CECUD COVER	100	150	365 544	6.5	1000	2765 3496	3500	5667	6520 7999	f000•	NH (5/4 ANY HG?	
•	7.9	2.0	3.7	1.2		5.C		.c		. 3	٠.		. 3	•	-1	-1	14.0	
NE	5.3	1.7	1.7	. 0		2.7	•	•0	•	- 1	.2	.7	. 2		•	- 1	8.6	
t	1.6	1.7	1."	.4		2.9	•	•	•	.2	2	.2	- 1		•	•	5.2	
\$6	2.0	1.0	1 - 1	.5		2.3	•	.0	- 1	. 2		- 1	- 1		•	•	3.6	
\$	2.1		1.1			3.2	•	• • •			- 1	- 1	- 1	.:	•	•	3.1	
5.	3.5	1.6	1.3	. ?		2.1	- 1	.0	. 1	• 1	. 2	.2		. 1	•	. 1	6.2	
	11.2		3.7	1.4		2.7	•	•	- 1	• 3	. 7		• 2		.1	. 1	18.4	
No.	* . 5	5	3.4	1.4		2.9	•	•	-1		. 6	. 3	. 3	. 1	•	.1	15.5	
YAF							2.	. 5		.0		.0	.0		.0	.0	.0	
CAL	4.4	2.5	2.5	1.4		2.6	. 1			. 2		. 2	. 2	- 1	. 1	.2	13.2	
151 015	3657	1150	1137	516	5464	2.9	20	5	36	110	156	121	4.2	27	25	3.6	5215	5864
tot PCf	22.1		10.4	*.*	100.0		•	- 1	- 5	1.0	2.3	2.1	1.4	٠.			44.4	100.0

TARLE 7

# CUMULATIVE MET FALL OF SIMULTANEOUS OCCUMMENCE OF CELLING HEIGHT (NM DAVA) AND 4581 (NM)

				YSSY CAP	' 3			
CFILING	: 04	40 :	: 08	7 OP	: 04	: 32	÷ 00	: : -
(FEET)	>14	>5	>2	>1	>1/2	>1/4	>5040	>5
1 04 >6500	1.0	1.1	1.1	1.1	1.1	1-3	1.1	1-1
: 02 >5000	1.4	1.6	1.4	1.6	1.6	1.6	1.0	1.6
: 0= >3500	2.5	2.6	2.9	2.9	2.9	2.9	2.6	4.5
: 0~ >2000	••2	*.9	4.9	4.9	4.6		4.9	4.4
3001< 30 =	4.6	4.2	4.3	6.3	8.3	8.3	4.3	4 - 2
2 0F 7633		10.0	11	10.1	10.1	10.1	16.1	16-1
= 0x >300	4 - 5	:0.5	10.7	10.7	10.7	10.7	10.7	10.7
: 54 >153		14.5	10.6	15.4	12.4	10.0	10.6	10.4
2 ( +0 :	4.4	16.9	11.1	11-1	1:-1	11.1	11.1	11-1
70741	512	654	A 7.2	670	6.70	675	672	4.73

TUTAL NUMBER OF 045: 6062

PCT FRED NH KS/A: A4.

100.E 74

#### PERCENTAGE FRED OF ECH CLOUDS (EIGHTHS)

101%. 1 2 3 4 5 6 7 \* 08500 065
3642 1443 1541 549 641 742 544 245 244 42 6372

APAIL

PERIOD: (PRIPART) 1953-1979		AREA OC'S COLF OF TERMANTEREC
(OVER-ALL) 1862-1979	TABLE A	14.0% \$4.74

		P	RCLNT	FREC (	F = INC	012F	110\  + 114	45 OCC 7145 ¥	UKPENCE ALULS 6	)	0%-000 151:11	UFRLNC Y	( of
¥587 (4#)		^	AE	ť	36	\$	5%	•	44	ATD	CAL	PLI	101.4
	PCP		.0	. :	.0	.0	.0	.5	.0	.0	•	•	
(1/2	NO PEP	.0	.0	.0	.5	•	•	٠.:	.0	.0	•	- 1	
	101 :	.0	٠.	.5	.0	•	•	٠.	.c	• •	. :	- 1	
	PCP	٠.	.0	.e	.c	. n	.0	٠,	.0	.:	.0	٠.5	
1241	NO PEP	٠.	.0	.0	.0	٠.	.0	.0	•	••	٠.(	•	
	ici i	.0	-0	٠.	.0	.0	.0	.0	•	•	٠.	•	
	PCP	. 7	.0	.0	.c	.0	.0	٥.	.2	٠.	٠.	.:	
<2	NO PEP	•	٠.	.c	.0	.5	•	•	•	.:	•	- 1	
	101 1	•	.c	.:	.0	• •	•	•	•	.0	•	- 1	
	PCP	•	٠.		.0	.0	.0	.c	•	٠.	•	•	
245	NO PEP	. ?	•	•	•	•	•	.:	. 1	÷.		. 7	
	10. 7	- 2	•	•	•	•	•	- 1	.1	٥.	. 3		
	PCP	•	•	•	•	•	•		•	. 0	•	.2	
K 10	NO PEP	2.1	1.3	. 7	. 6	. 5	1.0	2.2	2.2	. ~	2	13.4	
	101 1	2.1	1.3		-6	. 5	1.0	2.2	2.7	٠,	2.6	13.5	
	PEP		•	•	•		٠.	. 1	•	.0	•	-2	
10-	NO PEP	13.6	t.2	4.5	3.7	3.4	6.3	18.€	15.1	٠.	11.2	45.3	
	101 +	13.6	4.2		3.7	3.9	6.3	18.6	15.1	۶.	11.7	£5.5	
	101 025												734
	TOT PCT	15.9	9.6	5.7	*.3	4.4	7.4	21.0	17.4	• • •	14.5	100.0	

TAPLE 6

TO THE PROPERTY OF THE PROPERT

				•	IIIM AV	DATES	ATC OC	5 64 8	ISIFIL				
458Y	SPD	•	<b>NE</b>	E	SE	5	5.	•	٠.	446	CAL	FCI	TOTAL
(MM)	ATS												0 6 2
	U = 3	•	••	٠.0	.0	•	•	- 0	•	-3	- 1	• :	
<1/2	4-10	.0	٠.	.5	.0	.0	٠.	•	•			•:	
	11-21	•	•	٠.	٠.	٠.	-6	- C	.5	-0		•	
	22.	. ၁	٠.٥	٠.	-8	.0	٠.	٠.	.5	.0			
	101 5	•	•	.0	-6	•	•	•	•	.5	. 1	- 1	
	0-3	-0	٠.	٠.	٠.	.c	. v		•5	-2	•	•	
1/2<1	13	•	•	.0	.0	٠٥.		.0	•	-0		•	
	11-21	•9	• • •	٠.	٠.	٠.5	. 0	٠٥.	•	-9		•	
	22.	.2	.3	٠.	٠.		• 3	٠.	-0	-0		٠,	
	101 1	•	•	.:	-0	-¢	• 6	•0	•	٠.	•	. :	
	6-3	.0	. 3	٠.		.0	•	•	•	.:	•	- 1	
142	10	•	.5	.0	.0	.5	••	.3	•	-0		•	
	11-21	.0	.0	٠.	.0	.0		٠.	-0	-5		- 3	
	22.	. 3	. 3	••	3.	•0		٠.	.3	٠.		.:	
	101 1	•	••	-0	-0	-3	•	•	•	•0	•	- 1	
	L-3	•	•	•	•	•	•	•	- 1	.:	. 3	- 5	
2<5	4-10	- 1	•	•	•	•	•	•:	• 1	٠.		- 5	
	11-21	- 1	•	•	•0	-0	•	•	•	.:		- 1	
	22.	•	•	•	.0	.0		•	•	.0	_	- 2	
	101 1	• 2	• 1	•1	•1	•	- 1	- 1	• • •	.0	. 3	1-2	
	2-3	. 3	• 2	-2	•2	. 1	-2	-5		٠.	2.4	•••	
5(17	10	.7	.5	••	. 3	- 3		1.	1.3	-3		5.0	
	11-21	.5	• :	-1	-1	•	• 7	• •	• 3	-0		1.6	
	:2•	.5		- 1	•	•	•	٠.	- 1	-0		1.2	
	101 1	2.0	1.3	٠,	.6	.5	1.0	2.2	2.1	-0	7.2	13.2	
	6-3	2.5	1-1	. 6	. 7		1.3	3-1	2 - 8	•6	:1.4	24.0	
10.	4-10	6-1	3.6	3-2	2.4	2-6	4 - 3	12.5	9.7	٠.:		44.6	
	11-51	3.3	2.1	. 7		••	. 7	2.	2.1	- 0		12-2	
	22.	2 - 2	1 - 3	- 2	. •	•	•	- 1	. 3	•=		***	
	101 2	13-6	4.2	5.0	3.6	3.8	£ . 3	:6.5	1	.:	11.	85-3	
,	OT DAS												7067

APRIL

PERIOD: (PRIMERY) 1955-1979 (DUEP-REE) 1862-1979

到,这个人,我们们就是一个人,我们们们的一个人,我们们们们的一个人,我们们们们们的一个人,我们们们的一个人,我们们们们们的一个人,我们们们们的一个人,我们们们们

TAPLE 13

APEA FORM GULF OF TEMUANTEPED

PCCNI	FRE-UENCY	of	CE 11 156	ME ISHTS	1/251.54	>=/61	AND

	econemic of the top of them													
HCUF 16411	1 6 U										ופוינ	4m ("/6 134 TET		
00403	.2	-1	. 3	٠,	2.1	1.6	1.2	- 3	٠.	-8	7.4	51.1	1727	
36600		-1	-3	.7	2.3		. 0		• 1		4-2	9". e	1412	

12615 .3 .0 1.1 3.5 +.1 5.0 1.0 .4 .7 .6 15.4 64.5 1923
19621 .5 .2 .5 2.0 +.0 2.3 1.5 .5 .6 .5 13.1 66.9 1749
1913 21 5 72 111 270 122 23 27 26 29 673 5436 6511
1967 .3 .1 .5 1.4 3.2 1.9 1.3 .4 .5 .6 10.2 65.3 100.0

143LE 11

Trett 1"

		PERCINT	FRECULS	CY ¥507	(54)	4300		CUNDERT					3.87 HOUP	
0UF 16-11	<1/2	1/2(1	142	2<5	5<10	:0•	1CTAL COS	-cua Lu-fi	(150 (50¥¢		<1000 <5		NH (5/6 140 54	TOTAL CBS
CGE+3	•	. 1	•1		12.0	57.1	2005	20103	•2		1.9	6.5	92.6	1655
366.5	•:	- 1	- 1	1.3	15.1	85.2	1949	5+104	.•	. 7	2.7	5.0	92.3	1356
12415	•2	- 1	- 1	1.7	15.7	82.3	150*	12615	. 3	1.5	6.1	11.0	12.4	1366
1*621	•:	•	.:	1.3	12.5	65.9	2263	1:621	-5	1.2	4.2	16.7	55.6	1664
101	: I	5	•1		1251	6754 85+2	7925 160-0	101 201	21 • 3		223 3.7	496 8.7	53+3 68-1	6062 100.0

144L2 12

11515 14

	PE PC	AI FP	COUENCY	ع عن	LATIVA	HU-11	e:17 F	7 [FF				*6 20	ENT	EQUENC	, ,,	14. 01	RECTIO	N 87 T	į mė	
16-5 6	U-24	330	40-49	55-56	60-69	779	35-69	90-100	DES	FAE.		١.	ι	SE	s	5.		46	**	CALF
45/44	٠.		. :							•	.=	-2			٠.	.c	ء.	•	-0	
42/64			•		1.5	. 5	. 7	•	15#	2.6		- 2	-2	.2	•	- 2			-5	- 5
15/64		.3	•	- 3	6.3	12.5	3.2		:470	24.6	3.4	2-3	1.7	1.2	1.2	2.4	4.4	4.2	-0	3.5
40/4-	٠.		•	. •	5.6	20.1	25.1	*.*	3866	43.5	4.3	5.3	3.5	2.7	2.8	5.0	14.	11-2	٠.	4.4
75/29		٠.:		-:		2.4	2.7	1.7	555	٠.٥	2.9	1.4		. 2	- 3		1.2	1.2	- 6	1.0
20/74				•	. :		. •	. 1	53	. 1		- 2	٠.		•	•	•	- 1	-0	.:
TOTEL	-	:	5	7.	• 71	27%	: ** :	415	4:34	199.5										
PCI	.0	•		:.:		*5.	32.5	5.4			12	3.4	5.4	4.4	4.4	7.5	20.7	: 7.2	-0	24.7

144LE 15

7#8CC 16

	-2255.	t = 1 = E =	'S 150	Pt = CE 4	1145	of 15'	-> 126	5 6 7 3	Y MCUE		PEFC	E-1 10E	CUL 44 *	of Stra	11xt =:	-:DII+	31 HOL	
15-1. #566	-11	465	952	·-•	5:	11	*:*	~{ 4%	1/134	MC /# (541)	<b>0-79</b>	30-59	45-67	7 ° 79	80-49	*5*156	PEAN	TETAL
. 6633	**	52	.,		7 4	76		.5.7	3535	555-3		1.0	16.7	*1.7	24.5	*.*	76	1662
felc:	¥?		45	42	75	7.4	70	41.4	1916	64629	.0			.0.:	43.1	10.5	80	: 463
.:4:4	v:	4.5			77	7 3	?~	41.3	2976	12615		- 5	5.3	79.8	44.1	10.4	ÆĹ	2466
12621	67	43	67	2.5		75	25	4	2317	10621		3	24.3	40.2	21.1	3.3	7.	1750
101	٠,	*1		43	74	7*	4.8	41.0	*745	761	Ş	43	452	-972	2047	437	77	4341

PERIOD: (PRIMARY) 1953-1975 (ONER-ALL) 1862-1979

ance he a court or temperaters.

o de comparado de como de comparado de como de

ACT LAST OF ATD ACMOLUSE 1950 as and the decreased of tot enthant netablished into the contrast is assumed to decrease the total to 61 55 cs 48 cs 48 cs 41 10 CC 00 CC 126 77 17 25 27 25 27 27 52 54 1055 402 1055 402 1517 164 154 

P(0106. 10468-ALL) 1065-1970

143LE 14

**\***\$1

121 EPO DIPEC<sub>a</sub>IO, REB292 2ET HEICHIZ (E.13 entra de la constanción de la 70p+0007+0044450000000 meet abandentation betracht PCT AND TO A CONTROL OF THE POPULATION OF THE PO 22-33 3.4 · contration of occurry HGT (1 1-2 3-9 5-6 2 4-9 10-11 12 13-16 13-16 13-16 23-25 23-25 23-26 41-46 40-36 41-76 71-69 41-76 71-69 407 PC1 22-53 #51 C1 1-2 3-8 5-6 7 10-11 12 13-16 7-15 20-22 23-25 24-32 33-06 61-72 71-86 87-76 61-77 71-86

B4 3 4 4								AFREL					_		
FE2100:	1046	4-ALL 1	1463-1	474				TABLE TO ICUNT	,			1-(1	14.		~ I[MUBBI(P[ 
				rc	1 FK(0 1	e also	SPELO	(+15) AND 5.PE	CTION	CRSUS S	E4 ={ 10	MIS (FI)	,		
				s							5.				
₩£ *	1-5	4-10	11-21	2 - 23	347		PLI	1-3	4-13	11-21	22-13	34 7		PC1	
< 1	٠.	1.1	•		.0	٠.5	1.7		1.:	•		٠.	.:	1.9	
1-2	• 1	1	*4		.s		1."		2.5	. •		.:	٤.	3.6	
3-4	.:	- 5	.2		٠.	.5		.1	1.5		٠.	.0	٠.	1."	
5.00	••		• • • • • • • • • • • • • • • • • • • •	.3	.0	.0	. 2	.5	••	•^	٠.	.0		• • •	
7	.r	٠.	•:	٠.	.0	-c	- 1		••	.5	.0	.:	.:	٠.	
	- 2	••			٦.	.0		.0	••	.0	.0	. 2	٠.		
10-11	٠.5	• •	٠,٠		•5	.:	• 3	.5	٠.		.\$		٠.	.5	
14	• • •		٠.	.0	.c	.5	• 3	.0	••	- 7	.5	.0	٠.	٠.	
13-14	٥.	••	• •	2.	·r	.0	.3	.0	••	.3	٠.	. 2	٠.	.0	
17-15	٠,	.5	•^	٠.	• • •	٠.:	-^	•6	٠.	.5	••	.:	.:	• • •	
25-22	•0	• •	•		•:	.:	.:		• -	• 3	• •	••	٠.	. 3	
23-25	٠.		•:	.c	• :		.0	٠.	- 3	.9	-5	.5	• • •	.:	
26-32	- 0	.0	•	٠.	::	•6	.0	.5	٠-	.5	.5	٠.	ء.	٠.	
33-40	•0	•=		٠.:		.5		• • • • • • • • • • • • • • • • • • • •	••		٠.	٠.	.5	- :	
49-62	::	٠,٠	••	:		.5	::	•2	••	. 2	ن.	٠.	٦.	•:	
41-75		• • •	•	::		.5		.5	٠.	:5	.0	:3	э. 3.	::	
71-46	-	••	• -	::		.:	::	::	•-			::	::	:3	
		••	• •	::	::	::	:5	::		.5			3.	ie	
101 001	.,	3.1	.7	::	.;	:6	•.5	1.3	5.7	::		:5	::	7.3	
	••	•••	• •		••	••	,	•••		••			••		
											٧.				TOTAL
<b>~51</b>	1-;	4-10	11-21		34-47		P(1	1-3	•-:-	11-21	22-33	34-47	***	*:1	PCI
11	2.5	3.3	. 2	.0	.:	.0		1.7	3	•	.0	-6	٠.		
1-7	1.4	4.2	1	٠.		.5	11.6	1-1	6.1	1-7	-0	.:	3.	1.1	
3-4	- 3	2.5	1.2	-1	.c	٥.	• • •	•1	2.5	• •	.5	.:	ء.	3.5	
5-6	• •	• 2	• •	- 5	•6		• 5	.5	••	• •	- 1	-0	٥.	1.3	
2	-:	.0	- 1	-0	- 5	٠٥.	-1	•=		-1	٠.	.0	.c	-1	
10-11	•:	.e	-3	.0	?. 3.	••	-0	.0	• •	-1	.:	-6	ء.	-1	
10-11		::	:;	.9	::	٥.	.1	.0	• •	٦.	.:	:3	3. 3.	::	
13-14	:5		::	::	::	::	.5	:5	.:		::	.5	3:	.5	
17-19		.:		::			.3	::	::		::	::	3:		
20-22		3.	::				::	::	::		::		.5	::	
23-25		::				3.			::				3.	.5	
26-32		::	:-	::	.ć		::		.5			::			
23-4-			.:				.5			::	2.				
41-44		.5	.0		::	.5			.5	Ī.c			3.		
44-45					.5	.5								::	
61-76		.0	.0	٠.٤			.5						.č		
71-66	-5			3.	.0			.0						.:	
67-	0	.:	.0		-=	.0		2.	٠.	.0	- 6.	.:		-:	
161 PC1	2	15.2	7.5	- 1	::		22.3	2.4	12.6	2.5	- 1	.0	٠.	:	43.4

	-:~;	37660	**:23	es 584	<b>#E I 6#1</b>	(FT)		
461	2-3	4-10	11-21	22-33	34-47		PCT	161
<1	25.7	12.9	. 3		٠.	.c	34.4	CBS
1-2		28.1	3.3	•:		.c	30.4	
3-4		4.5	4.3		-1		12	
5-0		1.1	2.1				5.1	
7,0	::	• • • • • • • • • • • • • • • • • • • •	1.4				2.7	
8-9	-0	- 1	• 2		-1	.5	1.1	
12-11	.:	-0	- 2	_7	-1	.0	1-1	
12	.=	.5	•:		- :	.c	- •	
13-14	٠.٤	.c		.:	- 1	.:	-1	
17-1-		.0					-:	
20-22	.3	. 3			.5	.0	.3	
23-25						.5		
	••							
26-32	.:	٠.	٤.			٠.	.0	
33	.3	-0	-:	٠.	٠.			
41.45		.5		6		.:	.:	
****	.c		٠.			.č		
41-72	3.		::					
71-44	-0	. c	.:	.:		٠.	-2	
. 7 -	.5	-0	.5	٠,	٠.	. [	••	
								1-15
121 +41	11.0	35-4	12.1		- 4		105.0	

P[4]0	C: (31	,, <b>*</b> - 1, L	.1 255	<b>-1-7</b>					14816	14											
					P!PC(%		eutati t		•C →t:	5-1 (f	11 +5	stif P	C#165	I SF C Ch	223						
PEP105	<;	1-2	3-4	>-5	7	***	1:1	12	13-16	17-19	20-22	23-25	29-32	33-40	*1-**	**-•0	+1-70	71-46	47-	TOTAL	#{ # 4
< 6			12.0	3.5	1-2	. 7	- 3	-2	-1	• 1		-3	- 0	•€	٠.	-0	.0		٠.	25 / 2	2
4-7	-1	2.4	2	٠.٤	7.7	. *	.5	3	-2	- 1	•				٠.	.5				672	•
8-4	- 1	1.3	5	1.4		. 7	-5	. 3	. 5	1	•	.0		-0		.\$	٠.			445	
10-11	٠.	1.0	:.3	1.5	.5	.2	.:	- 1	. 1		•		٠.		.6	.0	.0	٠.	٠.	226	•
12-13		.5	. 7		-7		• 1	. 1	-1	•	-1	-:			.0	.:	.0		.0		
>13	- 5		٠.	.:	.:	•	.1	- 1	- 1		.5					٠.	٠.		.:		
INCET	14.3	2.1	2.0			- :	-0	•	.:	•	- :				. c				- 0	.535	
ISTAL	1252	1447	1245	3	247	:54	12	• 1	55	. 24			2	3	٤	9	•	ż	ė	5543	

PEP100: (PP1MARY) 1953-1970 (OVER-ALL) 1861-1979

IASLE 1

APEA OUTS GULF OF TEHUANTEPEC 14.0% 94.4.

0126141	EASTHE NEW	ΔF	"FATHER	<b>GCCURPENCE</b>	RY	4160	DIRECTION

			P	RECIPI	.4110	L TYPE					01462	ALATHE"	FHEND	-Ch4	
AVD DIS	PAIN	PAIN SH4P	CPZL	FRZG PCP4	5406	OTHER FHZN PCPN	₩A 1 L	PCPN AT OB TIME	PCPN PAST HOUR	THOR LING	FOG LO PCPN	FGS NO PCPN PAST HE	S#OKE HAZE	SPRAY BLAG DUST PLAG SNOW	
		.6		.0	.0		.0	1.5	1.3	7.2	. 7	.:	9	•2	£5.1
<b>4.8</b>	1.8	1.6	. 3	. 3	.0	0.	. ė	3.7	1.6	2.0	. 6	. 5	4.8	.0	86.7
E	3.1	2.5	1.2	٠.	• ċ	٠.	٠.	6.7	2.3	5.1	. 2	ι	3.6	- 1	82.4
SE	2.7	1.7	1.1	.0	• 0	. (1	.0	5.4	3.0	6.4	. 2	٠.	5.8	. 1	79.2
š	3.1	1.5		.0	.0			5.2	3.5	4.0	. \$	• 6	3.7		92.5
5.	1.5	. 9	. 2		٠.	.0	.0	2.7	1.9	4.6		٠.	4.9	•0	86.C
•	. 6		•	. 5	.0			1.5	1.0	2.9	. 3	.5	6.5	. 1	86. J
No.	1.4		. 2	. 0	.0		.0	2.4	1.1	2.5		٠.5	6.5	. 1	47.1
VAP	.0	. 5		.0			.0	•0	.0	.0	. 5		.0	. 5	. 3
CALM	. 3	. 2	. 2	. 3	.0		.0	. 6	. 9	4.5	. 5	• :	12.9	. 2	66.3
101 PC1	1.5	1.0			.0	.0	٥.	2.9	1.6	3.7	. 5	٠.	6.9	. 1	54.5
101 005.	8438	_													

TABLE 2

#### PERCENT FREQUENCY OF WEATHER OCCUPRENCE BY HOUR

				456161	TATIO	TYPE					OTHER		PHENO	MENA	
HOUR (641)	RAIN	RAIN Shbr	TRZL	FPZG PCPN	SNO»	OTHER FRZN PCPN	HAIL	PCPN AT 05 TIME	PCPN PAST HOUR	THOR LING	F05 W0 PCPN	FGG LG PCPN PAST HT	SPOKE HAZE	SPRAY BL-G DUST BL-G SNCL	
00603		.5	. 3	. 3	.0	.6	٥.	1.6	1.0	.7	. 3	٠.	*.2		£8.3
06409	1.1			. 0	.0		.c	2.0	. 9	10.2	.4	.¢	6.1	•	8047
12615	2.7	2.5	. 6	.0	.0	.0	. C	5.3	2.5	5.4	. 9	٠٤	6.4	.1	79.7
19851	1.6	1.6	. 4	• • •	.0	.0	. 0	2.8	1.9	• 2	. 4	.6	6.0	.1	87.7
101 PCT	1.5	1.0	.4	٠.	٠.	.:	.5	2.9	1.6	3.4	.5	.c	6.9	.1	54.4

TAPLE 3

#### PERCENTAGE FREQUENCY OF SIND DIRECTION BY SPEED AND OF HOUR

		- IN	O SPE	ED (KN)	15)								HOUR	(G#1)			
MMD DIS	0-3	4-10	11-21	22~33	34-47	44.	TOTAL	PCI	MEAN	00	03	86	09	12	15	:6	21
							085	FREO	\$20								
	2.4	5.2	3.3	1.4	. 3	.0		12.5	11.1	8.7	5.5	7.4	9.0	15.0	15.0	18.2	13.4
NE.	1.5	4.4	2.9	. 9	, 1			9.9	11.0	8.7	11.1	6.7	8.9		10.0		12.3
£	1.4	5.6	2.3	. 3	•	•		9.7	8.9	9.3	11.1	8.5	9.9	9.2	11.5	11.0	0.8
\$E	1.4	5.5	1.2	. 1	•	.0		8.2	7.4	9.1	11.9	10.5	15.3	5.2	10.3	6.8	9.4
5	1.3	4.2	.7	. 1	.0	.0		6.4	6.5	6.3	7.5	4.2	5.6	6.4	e.3	4.6	6.4
Sk	1.3	5.3	1.0	- 1	.0	.0		7.7	7.0	15.9	14.5	8.4	10.5	5.6	7.2	5.0	10.0
	3.4	12.3	2.7	- 1	•	.0		18.5	7.2	20.7	14.7	21.5	16.0	19.3	13.9	14.4	17.6
A h	2.2	6.5	1.9	.2		.0		12.8	7.4	9.9	11.1	9.7	12.4	16.4	15.3	14.9	13-1
YAR	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	٠.	• • • •	.0	.0
CALM	14.3							14.3	.:	14.3	5.2	19.2	13.5	14.6	8.1	11.9	8.0
101 005	2621	4578	1437	281	45	1	8963		1.2	2040	147	1885	200	1045	235	2367	224
101 0/1	20.2	51.1	16.5	1.1				100.0		100.0	100.0	100.0	100.0	100-0	100-0	1.30.0	100.0

TAPLE 3A

-ND DIR	0-6			(44015) 28-40	41+	TOTAL CBS	PCT FREQ	MEAN SPD	03 00	HOUP 36 67	16#1: 12 15	18 21
N	5.2	4.3	2.1	.8	. 2		12.5	11.1	٠.5	7.5	15.0	17.8
NE.	3.9	3.6	1.7	.5			9.9	11.0	6.9	6.9	10.3	13.0
E	4.2	4.6	. 8	. 1	•		9.7	8.9	9.4	8.6	9.5	15.9
SE	4.4	3.4			.0		8.2	7.4	5.3	10.7	5.4	7.1
š	3.9	2.3	. 2				6.4	6.8	4.3	8.C	4.8	4.4
Ś'n	4.3	3.1	. 3	.0	- 4		7.7	7.0	11.2	8.6	5.4	5.5
	9.8	8.2	• 5				18.5	7.2	20.6	21.1	18.7	14.7
No.	6.7	5.6		. 1			12.6	7.4	16.0	9.9	16.3	14.7
VAR	٠.	.0	.0	-0	.0			.0	.0	.0	.0	.0
CALM	14.3		•••				14.3	.0	13.9	12.6	13.9	11.6
TOT OBS	5374	3166	583	137	2	8963		7.2	2167	2085	2080	2611
TOT BCT					- 1		140.0			100.0		

P4"

PEP100: (PPIMARY) 1957-1979 (OVEP-ALL) 1861-1779

APEA COTS GULF OF TEHUANTEPEC 14.0% 94.9%

PLPCINTAGE FREQUENCY OF WIND SPEED BY HOUR COMIT								
	LPC: WIAGE	FREQUENCY	C.F	4150	26660	×Y	HOUR	(CMI)

				- 1 Nu	SPEEL (	#NOIS1			PCT	TOTAL
40UK	CALM	1 - 3	4-10	11-21	2Z-33	34-47	*8 *	MEAN	FRED	OES
00403	13.9	16.	52.4	14.7	2.1	.5		6.8	100.0	2167
65330	10.6	14.5	51.2	12.4	2.4			6.5	100.0	2055
12615	13.9	13.5	50.5	17.5	4.0	. 7	.0	7.7	100.0	2080
11531	11.6	15.2	50.3	14.5	3.9			7.7	100.0	2611
101	1253	1336	4574	1437	261	45	1	7.2		8963
PCT	14.3	14.4	51.1	16.0	3.1		•		100.0	

TALLE 5

TABLE 6

P	PCT FPEC OF TOTAL CLOUD AMOUNT (EIGHTHS)  BY SIND DIPECTION  HEAD							1					CEILIN NH (5/					
AND 016	0-2	3-4	5-7	6 E 03260	TOTAL	MEAN CLOUD COYER	020 149	150 299	300 599	000	1000	3499 2000	3506 4999	5000 6499	6500 7940	*000•	NH <5/8 ANY HG!	
Ŋ	4.1	2.6	3.7	1.4		4.7	-1	•	. 1	. 4	. 7	.5	. 2	. 1	.1	.1	9.9	
56	3 - 1	1.7	3.1	1.7		4.2	•	•	. 1	.6	.6	.5	. 1	•	. 1	. 1	7.7	
ξ	2.2	2.0	3. 6	2.0		4.6	•	•	. 2	.6	1.1	. 3	. 2	. 1	•	- 1	7.3	
32	1.8	1.7	3.0	1.5		4.5		•	- 1	. 4		. 3	.2	•		.1	5.9	
\$	1.0	1.4	2 - 1	1.1		4.4	.1		. 1	. 4	. 4	. 2	. i		.0	•	5.1	
ŠW	2.3	1.7	2.3	1.2		4.2	. 1	.0	. 1	. 3	. 5	. 2	. 1	•		- 1	6.2	
	7.0	4.5	5.0	2.2		3.7	. 1		. 2	. 6	. 9	. 5	. 3	. 1	. 1	. 1	15.8	
Ň.		2.4	3	2.0		4.1	.1	•	.1			.5	. 3			.1	10-3	
VAR	.0	2.0	٠.۵	0.0			.0	.0	. c	٥.		.0	.0	3.	.0	.0	.0	
CAL	5.9	3.4	3.7	1.9		3.6	.1		.1		. 7	. 4		•		.1	12.7	
240 101	2165	1471	2055	1034	6725	4.1	45	16	69	273	438	237	106	35	29	45	5437	6725
TOT PCT	32.2	21.9	30.6		100.6				1.0	4.1	6.5	3.5	1.6	- 7		. 7	80.8	100.0

TABLE 7

### CUMULATIVE PCT FREC OF SIMULTANEOUS OCCURRENC

					VSFY INP	')			
	CEILING	= 0R	= OR	= 08	= OR	= OF	= OF	= OR	¥ OR
	(FEET)	>10	>5	>2	1	>1/2	>1/4	>5040	>0
= 0	R >6500	.8	1.0	1-1	1.1	1.1	1.1	1.1	1.1
= 0	35000	1.3	1.6	1.6	1.6	1.6	1.7	1.7	1.7
= 0	£ >3500	2.5	3.1	3.2	3.2	3.2	3.2	3.2	3.2
: 0	2000	5.5	6.	6.7	6.7	6.7	6.7	6.7	6.7
= 0	× >1000	10.6	12.8	13-1	13.2	13.4	13.2	13.2	13.2
= 0	4 >660	13.6	16.6	17.1	17.2	17.2	17.2	17.2	17.2
: 0	k >300	14.3	17.5	18.3	18.2	18.2	18.2	18.3	14.3
= 0	L >15C	14.5	17.7	18.3	16.4	16.4	18.5	16.5	18.5
- 0	E > 3	14.7	16.2	18.6	19.0	19.0	19.0	19.1	19.1
	10"41	1024	1266	1305	1319	1322	1324	1378	1326

TOTAL NUMBER OF OBS: 6955

PCT FREQ NH 45/8: 60.9

#### TABLE 7A

#### PERCENTAGE FFEG OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 0BSCC 0PS 22.7 1b.3 16.C 14.5 5.2 5.7 4.7 3.6 5.2 .4 7379 ~ T A

PERIOD: (PPIMARY) 1953-1979 (OVER-ALL) 1861-1979

TABLE

AREA DUMS GULF OF TEMUANTEPEC 14-0% 74-5%

LL) 1	\$61-1579						TA	ere e					14
		P	ERCENT		CF WINC								E of
4587 1441			46	¢	32	5	\$.	•	45	VAF	CALF	PCT	TOTAL Ce*
	PCP	.:				.0	.5			.0		- 3	••
(1/2	NO PEP	.5	•0	.0	•	.0		.0	.0	ž	· č	:	
,.	TOT	.0	•	•	•	.0	.0	•		ŀ	٠,	. 1	
	PCP		٠.				٠.	٠.	.0	.0	.:	•	
1/2<1	NO PCP	•		•	.0	.0	.0	.c	•	• 7	.0	•	
	tor :	•	•	•	•	٠	• 0	•0	•	•5	.c	- 1	
	PCP	.c		. 1	•	•	٠.		.0	.0	.0	. 2	
1<2	NO PCP	•	•	•	•	.0	•	•	•	• C	.5	. 1	
	IOI F	•	•	- 1	•	•	•	•	•	• (	.0	. 3	
	PCP		•	. 1	•	. 1		•	•	.5	.0	. 3	
255	NO FCP	• 2	. 1	•	- 1	•	. 1	- 1	• 1	.0	- 1	. \$	
	101 2	•5	.2	- 1	-1	. 1	• 1	. 1	- 2	.0	. 1	1.2	
	PCP	.1	. 1	•2	.2	. 1	. 1	- 1	. 1	• 0	•	1.0	
5<10	NO PCP	1.4	1.1	1.0	1.1	.6	. 7	1.9	1.4	.0	2.3	11.5	
	101 7	1.5	1.3	1 - 1	1.3	. 7	. 8	1.9	1.5	•0	2.4	12.5	
	PCP	. 1	.2	. 3	•2	- 1	. 1	- 1	•2	.5	•	1.2	
10+	NO PCP	10.7	6.4	8.2	6.4	5.5	6.5	16.4	10.8	• • •	11.6	44.6	
	101 1	10.5	8.6	8.4	6.6	5.6	6.6	16.5	11.C	.0	11.0	85.8	
	101 085												8-14
	TOT PCT	12.6	10.1	9.8	A.1	6.4	7.5	16.6	12.6	.0	14.3	100.0	

TAPLE 9

								•					
			•						VS WI		EC		
<b>458</b> 4	SPD	N	YE	E	32	s	S#		NE	VAR	CALH	PCT	TOTAL
(NH)	MIS												QES
	0-3	.0	. ::	-0	٠.	. 3	•	.0	.0	.0	•	•	
(1/2	4-10	.0	.0	•	•	•	•	•	•	.0		- 1	
	11-21	.0	•	•	.0	.0	•	.0	•	٠.0		•	
	22+	.3	•	•	.0	.0	.0	•	•	-0		•	
	101 2	.8	•	•	•	•	•	•	•	•0	•	• 2	
	0-3	•	•	.0	.0	.5	.2	.0	•0	.0	.0	•	
1/2<1	4-10	•	• 0	•	•	•0	•	.0	•	-0		- 1	
	11-21	.0	• • •	٠.	•0	•	٠.	٠.	.0	-0		•	
	22+	.0	•0	٠.	.0	-0	٠.	٠,	•0	•0		- 3	
	101 3	•	•	•	•	•	•	.0	•	-¢	-0	• 1	
	0-3	.0	.0	.0	.0	.0	.0	•	•0	.0	.0	•	
1<2	4-10	•	•	•	•	•	•	•	•	•0		. 1	
	11-21	•	•	•	•	•	• G	.6	•0	.0		- 1	
	22+	-0	•	•	•	•	.0	. 0	.0	•0		• 1	
	101 2	•	•	- 1	•	•	•	•	•	-0	•0	- 3	
	C-2	•	- 3	-0	٠.	•	٠	•	•	-0	.2	. •	
2<5	4-10	•1	•	•	• 1	•	- 1	.1	. 1	.0		• 6	
	11-21	- 1	• 1	- 1	• 1		•	. 1	•	-0		. 4	
	22+	•	•	•	•0	•	.0	•	.0	•0	_	- 1	
	101 1	• 2	•2	- 1	•2	- 1	- 1	.2	.5	•0	•2	1.6	
	0-2	•2	- 1	•2	. 3	-1	. 1	. 3	.2	.0	2.3	4.0	
5(10	4-10	-6	-6	• 6	. 7	. •		1.2	.9	-0		5.0	
	11-51	• •	. 4	• 3	• 2	- 1	• 1		. 4	٠.		2.2	
	22.	• 3	• 1	• 1	•	•	•	٠.	•	• 0		. 5	
	101 1	1.5	1.3	1-1	1.2	.7	. 8	1.9	1.5	-0	2.3	12.4	
	0-3	2.0	1.2	1.2	1.0	1.2	1.2	3.0	1.4	.¢	21.8	24.5	
10+	4-10	• • 5	3.9	4.9	4.6	3.4	*	11.0	7.5	-0		****	
	11-21	2-8	2.4	2.0	. 9	.5	. 5	2.3	1.4	-0		13.2	
	22+	1.4	1.0	. 2	- 1	•	•	1	• 1	•0		3.0	
	101 1	10.7	8.5	8.4	•.7	5.5	6.7	16.4	12.9	•0	11.4	85.5	
1	260 101												8699

- SENTENCE CONTRACTOR

PL>100: (PDI\*12Y) 1351-1379 (OVEF-3LE) 1361-1375

TABLE 10

AREA OD'S GUEF OF TEMUANTEREC

The water of the service

## PERCENT FREUERCY OF CEILING HEIGHTS (FEET, RH 34/6) AND OCCUPRENCE OF NH 65/6 dy HOUR

40UR (5~1)	500				1900						107AL	NH C1/6	
יפנס.	. 3	-1	.,	2.3	4.5	2.6	1		.4	. 9	13.0	٤٠٠2	1902
76865	. 6	•2		2.0	4.9	2.2	. 7	. 5	.2	.6	2.9	€7.1	1625
1261-	.5	. 4	1.3	6.1	0.0	3.5	1.7		.5	.6	23.2	71.é	.706
13121	. +	.2	1.1	4.5	2.4	*.5	2.5	.7	. e	.6	22.7	77.1	2042
101			71									5541	

TARLE 15 TIBLE 16

-

PERIOD: (PRIMARY) 1953-1979 (CYER-ALL) 1961-1979

TAULE 1"

APEA COCA GULF OF TEHUANTEREC 14.Ch 94.94

SAN KARENDER STEEL S

PCT FREG OF AIR TEMPERATURE (DEG F) AND THE OCCUPAENCE OF FOG (A)THOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	73	77	61	85	85	>92	*61	¥	60
IND DIE	76	60	64	48	92			F 0 5	FCC
14/16	.0	.0	٠.	.0		•	1		
11/13	٠,	٠0	•	- 1		. 1	z٦	.0	. !
9/10	.0	-0	•	- 1	- 1	.2	29		
7/8	٠.	.0	. 1	• 2		. 2	61	•	1.1
4	.0	.0	. 1	- 3	.4	•	65	٠.:	
5		-0	. 1	. 7	. 9	. 1	159	•	1.5
4	.0			1.4	1.0	•	232	•	2.4
2	.3	- 1		1.7		•	259		3.0
2		•	1.9	4.1	. 6	•	546	•	6.4
1	.0	- 1	2.0			.0	621		7.0
0	•	.2	7.0	7.2	. 3	.0	1170	• 1	14.7
-1	٠.	•2	7.3	5.8	. 1	.0	1061	• 1	13.3
-2		- 5	10.8	4.4	•	.c	1236	•1	15.5
-3	•	.5	7.6	2.0	•	.0	905	•	10.1
-4	*	. 9	7.3	. 9	•	. 0	724		9.1
-5	•	. •	3.6	.6	•	.c	430		5.4
-6	•	1.0	2.6	. 1	٠.	.0	241	٠.	3.*
-7/-8	- 1	.9	1.1	. 2	-6	.6	175	•	2.7
-9/-15	.1	. 4	.2	•	• 0	.0	55		. 7
-11/-13	• 1	- 1	.1	.0		.0	22	.0	
-14/-16	.0		.0	.0	.0	.c	1		•
TOTAL	33		4133		451		-	37	7674
		468		2764		59	7915	• • •	
PCI	.4	5.9	52.2		5.7	. 7	100.0	.5	99. €

PERIOD: 104ER-ALL ) 1963-1979

TABLE 18

PCT FRED OF WIND SPEED INTS! AND DIRECTION YERSUS SEA HEIGHTS (FT) NE 22-33 .00 .11 .3 .2 .1 .0 .0 .0 .0 .0 .0 .0 22-33 HGT
(1-2-3-4
5-6-7
6-9
10-11
12
13-16
17-19
20-22
23-25
24-38
49-30
71-86
49-70
71-86
TOT PCT 1-3 1-3 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* HGT <1 1-2 3-6 7 8-9 10-11 12 13-16 17-16 20-22 23-25 24-32 33-90 61-76 61-76 71-86 87-1-3 1.3 34-47 

				5							5.				
H61	1-:	4-13	11-21	22-35	34-47	44.	951	1-3	4-1-	11-21	22-35	34-47	46.	224	
(1	٠.۵	1					2.0	٠.٤	1			.3	٠.	1.6	
1-2	. 1				•	.č	2.5		2.0		.5	.5		3.2	
3-4	. 1			.1			1.0			. 4				1.0	
5-4	•			. 1		. 3			. 2	. 4	• 1	٥.	٥.	. 6	
7	.2	••	-1	• 1	.0	.:	.2	.0	- 1	.2	•-	.0	ı.	. 2	
6-9	.0		. 1	. 1	٠,		. 1	.9	. 1					. :	
16-11	432			• 6				.0	••			, .0	٠.٤	• ?	
12	• • •	• 2					•	.0		.0	•		.0	•	
13-14	• 0			.c		ت.	- 3	.0		3.		٠.	.c	.0	
17-15	.:			• 0	.:	٠.		.3	••			.:	٠.		
27-72	• 0	• •	• -	٠.	.c		.0	•:		• 0		ٺ.	٠.٤	.3	
23-21		-6		٤.	٠r.	٠.	.0	.:		٦.	••	.0	٠.	.^	
. 6 - 32				.0		.0	-0	•e		.0		.5	٠.	.0	
33-40	٠.		• •	.0	٠.	. U		.3		.0			.£	.:	
41-40		.:		٠.	• 0	٠.	• 0	.8	• •	••	. 0	.3	٠.	. 3	
-6-6-	•"		• ^		•~	.:	•:	.0		.¢	-0	.5	٠.	• :	
£1-76	•:	٠.	• ^	٠.:		٠.	٠.	.0	• •	٠.		.5	٠.	•0	
71-90	• •	٠.	• .	•0	•0	.0	.0	.6	••	-c	•5	.5	٦.	• 0	
÷7•	• ?	.0	• *	.5	• 5	٠.	٠.	۰,		-5	••	-7	٠.	-0	
101 001	1.2	•.0	••	. 3	٠.	٥.	6.7		4.7	1.2	- 1	.c	٦.	6.*	
											N=				ICTAL
451	1 - 3	4-13	11-21	22-23	34-47	49.	PÇT	1 - 3	4-14	11-21	22-33	34-47	4	061	PCT
<1	1.7	2.7	٠.	٠.	• 0	.0	4.4	1.5	2-1	.0	٠.	.5	٠.	3.4	
1-2	. 7	7.7	1.^	-0	• •	. 3	9.4	-3	5.5	. 9	.0	.5	.:	6.1	
3-4	••	2.5	1.1	ن۔	•0	٠.	3.7	-1	1.5		• 1	.0	٠,	2.2	
5-6	•	- 1	•	١.	.0	• :	•?	•5	- 3		• 1	•¢	٠.	• •	
1.	• •	• 1	•••	.:	2.	.c	- 3	•0	- 1	. 1	.0	.,	٠.	• 2	
e-9 10-11	٠.,	٠.	.5	٥.	•2	.0	• 2	.0	٠.		٠.	•5	٥٠	.c	
10-11	.3	.0	••	٠.	.5	٠.	•:		٠.	.0	٠,	.c	٠.	.0	
13-1e		::		3:	.0	3.	.5	.5	.5	.5	.:	.0	٠,٠	::	
17-16	.5	::	• .		.0	.0	.5	.0				.0	٠.		
20-22	:6	:5	.:	.,	:=	::			•-	-	.0		::	.0	
23-25	.0	.0					.,	•0	- 3		3.	.5			
26-32	:		• 1	.0			::		:3			::	::		
33-40				3.	ň	. č	·	.0		::	3.		.5	• •	
41-46	.0	::		::		::	:5	.0	••	.5	::		::		
49-60		.5		3.			:5				::	::		.0	
61-75	.5	::	•	::		3.		:5	•••	::	::	ě	::	.,	
71-36		٥.	.;	::		:5	:5	.0	.:	.5	·.	.5			
67.	.0	3.		3:	:6	::		:5					.5	.ó	
TOT PET	2.6	12.0	2.1			·:	17.7	1.9	y.2	1.7	.2			12.9	35.6

WIND SPEED (MIS) VS SEA HEIGHT (FT)

+61	2-3	*-10	11-21	22-33	34-47	46+	PCI	101
			.2		.c	_	36.4	025
<1	23,6	12.2		- 3		.0		
1-2	3.7	27.2	4.4	٠.	٠,٠	.0	34.3	
3-4	1-1	F.7	5.5	-6	.:	•0	13.9	
5-6	•2	1.6	4.5		- 1	.0	6.5	
7	٠.	. 4	2 - 1		- 1	.0	3.1	
6-9		. 1	- 2		• 2		1.1	
:6-11	.0	.:	• 2	. 4	٠.			
12	.5	.0	.0	• 7	- 1	. 0	- 3	
13-16		-0	.0	. 3	. 1	٠.		
17-14	.0	.0	.0	٠.	• 0	.0	٠٤	
20-22		.5	.c		- 1	-0	• 1	
23-25	.0	.0	-0	.0	-0	.:	.0	
26-32		-0	٠.	.0	د.	.0	.3	
33-43	.0	.0	٠.	.9	.0	-0	.:	
41-46	.0	.0	٠.	.0	-0	.5	-0	
49-65		-0	.0		.:		.0	
61-75	.0	.0	٥.	.:		.0	.5	
71-66	.0	.0	٥.	.5	.0			
67-	.5	.5	٥.	.^	.0	.0	٠.	
								1697
1A1 ACT	24 6	40 1	14 4			-		

FER100: 104EP-ALL 1949-1979

TABLE 19

PERCENT FRECUENCY OF MAYE HEIGHT (FI) VS MAYE PERIOD (SECONDS)

FEPICE	<;	:-2	3-4	5-6	,	5-9	1 1-11	12	13-16	17-16	20-22	23-25	26-32	33-40	41-44	49-40	61-75	71-86	87.	TOTAL	MEAN
(6	7.1	17.6	14.1	4.5	1./	.6								.0	٠.	.0			.0	2914	
						• •		-	-	-		••	•••			•••		•••	•••	4717	,
6-7	• • •	2.0		4.9	2 - 5	1.0	. 0	- 1	- 3	•	•	.0	.:	. 3	.0	.0	.0	•0	.0	3146	5
6-6	. 1	1.2	3.2	2.7	1.6	. 7		- 1	. 3	- 1	-1	.5	.0	٠.	.:	.0	.0	.3		652	5
10-11	.0	1.1	1 - 3	1.2	• • •	. 3		•	-:	.0			.0		-0	-0	.0		.0	298	5
12-13	.0	.5	1.0	. 6	. 3	• 2	•		- 1	- 6			.0	.0	.:	-0	٠.	ذ.	٠.	1+3	Š
>13	. c		.0	.;	. 3	• 2	•	•		.6		ء.	. 0	-0	٠.	0	.0			54	7
INDET	11.0	2.3	2.3	. 8	. 3	. 3		•	.0			.0	- 0			٠.	.0		.0	1078	1
TOTAL	1158	1535	1804	436	4.59	203	116	29	46	۰	9	C	٥	L	ŝ			۵	٥	6287	Š
						= :		:										7	- 7	:	

PERIOD: (PRIMARY) 1953-1979

TABLE 1

PEA DOTA GULF OF TEHUANTEPEC

PERCENT	FREDUENCY	OF	MEATHER	CCCURRENCE	 -180	CIPECITON

			p	RECIPI	TATION	TYPE					OTHER	PEATHER	PHENO	PENA	
-ND DER	RAIN	PAIN	GRZL	FRZG PCPN	SNOW	01HER FRZN PCP%	HAIL	PCPN AT	PCPN PAST HOUR	THOR LING	FOG NO PCPN	FOC LC PCPN PAST HE	SMOKE MAZE	SPRAY RL-G SUST BL-G SNOW	
	3.5	1.6	1.1	.0	.0	٠.	.0	•.1	2.3	5-1	.1	.1	. 0	•0	85.6
NΕ	3.4	3.0	2.5	.0	.0	.3	.0	4.8	٠.٥	5.0	. 1	• C	. 7	.0	81.7
C	5.6	2.5	1.8	.0	.0	.0	.0	7.0	5.4	6.0	- 1	.0		- 3	78.6
SE	6.0	3.4	1.2	.0	.0		.0	11.0	5.3	4.6	- 1	.с	.5	-0	76.7
S	6.0	4.6	1.5	.0	.0	.0	.0	11.7	5.4	6.0	.0	.:	. 3	٠.	77.2
Še	5.3	3.9	2.0		.0	.0		11.5	5.9	4.7	.0	.5	. 3	.0	78.2
•	4.4	2.0	1.5	.0	.0	.0	. 2	7.9	5.3	5.7	.0	.0	. 3	. 3	40.9
AM	3.5	1.7	1.4		.0	.0	•	6.7	2.5	4.4	.0	. c	. 6		86.1
VAR	.0	.0	.0	.0	.0	.0	-0	.0	.0	.c	.0	٠.	.c	.0	
CALM	1.2	.7	. 5	-0	.0	.0	.0	2.2	1.6	7.2	. 1	•0	1.6	.0	87.1
101 PC1	4.5	2.6	1.5	-0	.0	.0	•	4.5	4.4	5.5	. 1	•	.6	•	61.3

TABLE 2

#### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

				RECIPI	TATIO	N TYPE					OTHER	.EATHER	PHEND	PENA	
HÇUR (GHT)	RAIN	RAIN Shar	DRZL	FRZG PCPh	2404	OTMER FRZY PCPN	HEIL	PEPN AT OB TIME	PCPN PAST HOUR	THOR LING		FCG LC PCPN PAST HT		SPRAY BLUG CUST BLUG SAGU	
20603 26609 12615 18621	2.6 3.8 6.5 4.9	1.8 2.0 3.6 3.0	1.3 1.3 2.1 1.3	.0	.0.0.0	.0	.0	5.6 7.0 12.1 9.2	3.6 3.3 5.3 5.0	14.7 7.9	.C .1 .1	.c .1 .0	.6 .7 .5	.0 .1	49.5 74.7 74.9 84.5
101 PC1	4.4	2.6	1.5	.0	.0	.0	•	8.5	4.3	5.6	- 1	•	.6	•	81.2

#### . . . . .

#### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		±1×	D SPE	ED EKNI	2151								HOUR	(5+1)			
#ND DIR	0-3	4-10	11-51	22-33	347	44*	ORZ	PCT FREG	MEAN SPD	0.0	03	Ce	09	12	15	18	21
	1.2	4.7	1.9	.5	-1	•		1.4	9.8	6.4	1.7	4.8	6.5	10.6	9.0	12.1	7.5
H٤	1.3	6.1	2.9	- 6	- 1	.0		10.9	9.1	9.7	4.4	7.0	8 • 2	12.5	12.7	14.3	10.4
Ε	1.6	9.8	4.7	٠.	.1	•		17.2	10.1	16-1	14-1	15.6	17.4	16.7	19.9	19.6	18.0
SE	1.3	7.9	3.4	.\$	. 1	.0		12.3	9.7	13.3	21.8	14.0	14.7	10.4	12.7	10.4	14.5
Š	1.2	4.8	1.9		•	.0		8.2	4.4	10.2	9.4	10.2		6.5	4.7	6.1	6.0
5 w	1.1	5.2	2.3		•	.0		4.7	9.3	11.9	13.3	9.4	11.9	6.4	9.7	7.2	9.6
¥ .	1.7	4.4	*.5	• • •	•			15.2	9.7	15.9	15.4		13.+	16.3	12.1	13.1	14.4
NV	1.3	5.6	1.9	• 1				1.0	5.4	6.7	10.0	7.7			9.2		9.6
VAR			.0	.0	.0	.0		7.0	.0	.0	.0	.0					.0
CALM	10.0				•••			10.0		6.9			10.8	9.1	2.3	7.2	4.0
TOT ORS	1744	4368	1997	322	32	2	F465		8.6	1938			213	1700	263	2145	226
TOT PCT		51.6				:		100.0	•••				100.0				

TABLE 3A

		WIND	SPEED	(KNOTS)						HOL	(GPT	)
SIG CH	0-6	7-14	17-27	28-40	41.	TOTAL	PCT	MEAN	60	Cé	12	18
						OBS	FREQ	SPD	03	C9	15	21
74	3.4	3.7	. 9	.3	•		8.4	9.8	6.3	4.9	10.4	11.7
١E	4.5	4.9	1.3	.2	.0		10.4	9.7	9.3	7.1	12.5	14.0
£	6.0	4.4	2.0	. 3	•		17.2	10.1	15.9	15.8	17.1	19.5
	4.5	6.4	1.2	.2	•		12.2	9.7				10.8
Š	3.6	3.4	.,,	.1	•		8.2					6.3
Šw	3.7	9.2	1.0	. 1			8.9					7.4
												13.2
												5.4
					.0							·c
		•										7.3
		1700	401	100	•	4045						2911
								•••				
	ክ ነር የ	12 3.8 NE 9.5 £ 6.0 SE 9.5 S 3.6 SW 3.7 W 5.3 NW 4.1 VAR .0 CALM 10.0 DT 085 3810	## 3.4 3.7  ## 3.4 3.7  ## 5.5 4.5  ## 5.6 6.0 8.8  ## 5.6 3.6 3.6  ## 5.5 8.1  ## 8.7 9.2  ## 8.3 8.7	## 3.4 3.7 .9  ## 3.4 3.7 .9  ## 3.5 4.9 1.3  ## 6.0 6.6 2.0  \$# 6.5 6.4 1.2  \$\$ 3.6 3.6 .7  \$\$ 3.7 4.2 1.0  ## 5.3 8.1 1.7  ## MW 4.1 4.3 .6  ## VAR .0 .0 .0  ## CALM 10.0  ## 10.0  ## 50.0	# 3.4 3.7 .9 .3  %E 4.5 4.9 1.3 .2  £ 6.0 8.8 2.0 .3  \$£ 7.5 8.4 1.2 .2  \$ 3.6 3.8 .7 .1  \$w 5.7 9.2 1.0 .1  \$w 4.1 4.3 .6 .1  \$vAR 10 .0 0 .0  \$£ 10.0  \$£	## 3.4 3.7 .9 .3 .    ## 1.5 4.9 1.3 .2 .0 .3 .    ## 1.5 4.9 1.3 .2 .0 .3 .    ## 1.5 4.9 1.3 .2 .0 .3 .    ## 1.5 4.9 1.3 .2 .0 .3 .    ## 1.5 4.9 1.2 .2 .    ## 1.6 3.4 .7 .1 .    ## 1.6 3.4 .7 .1 .    ## 1.7 4.2 1.0 .1 .0 .1 .0 .    ## 1.7 4.2 1.0 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	## 10 01R 0-6 7-14 17-27 28-40 41- 101AL 085  ## 3.4 3.7 .9 .3 .0  ## 1.5 4.9 1.3 .2 .0  ## 1.6 4.5 4.9 1.3 .2 .0  ## 2.0 .3 .0  ## 2.0 .3 .0  ## 3.7 4.2 1.0 .1 .0  ## 3.7 4.2 1.0 .1 .0  ## 4.1 4.3 .6 .1 .0  ## 4.1 4.3 .6 .1 .0  ## 4.1 0.0 .0 .0 .0 .0  ## 10.0 .0 .0 .0 .0  ## 10.0 .0 .0 .0 .0  ## 10.0 .0 .0 .0 .0  ## 10.0 .0 .0 .0 .0  ## 10.0 .0 .0 .0 .0  ## 10.0 .0 .0 .0 .0  ## 10.0 .0 .0 .0 .0  ## 10.0 .0 .0 .0 .0 .0  ## 10.0 .0 .0 .0 .0 .0  ## 10.0 .0 .0 .0 .0 .0 .0  ## 10.0 .0 .0 .0 .0 .0 .0 .0  ## 10.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	## 10 01R 0-6 7-14 17-27 28-90 41- 101AL PCT OBS FRED  ## 3.4 3.7 .9 .3 .0 10.5 FRED  ## 1.5 4.9 1.3 .2 .0 10.4 10.5 10.5 FRED  ## 1.6 4.5 4.9 1.3 .2 .0 10.5 10.5 FRED  ## 1.6 4.5 6.4 1.2 .2 .0 10.5 10.5 FRED  ## 1.6 3.4 .7 .1 .0 10.5 10.5 FRED  ## 1.7 4.2 1.0 .1 .0 8.9  ## 1.7 4.2 1.0 .1 .0 8.9  ## 4.1 4.3 .6 .1 4 9.0  ## 4.1 4.3 .6 .1 4 9.0  ## 4.1 4.3 .6 .1 6 0.0  ## 1.0 0 0 0 0 0 0 0  ## 1.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	## DOIR 0-6 7-16 17-27 28-ND N1- TOTAL PCT MEAN  ## 3.4 3-7 .9 .3 .0 10.9 5-5  ## 1.5 4.9 1.3 .2 .0 10.9 9-7  ## 1.5 4.9 1.3 .2 .0 10.9 9-7  ## 1.5 4.6 3-8 2.0 .3 • 17-2 10.1  ## 1.5 4.5 4-4 1.2 .2 • 12.2 9-7  ## 1.5 3.6 3-8 -7 -1 • 6.2 8-6  ## 3.7 N-2 1.0 .1 .0 8-9 9-3  ## 3.7 N-2 1.0 .1 .0 8-9 9-3  ## 1.0 -0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	## NO OIR   0-6   7-14   17-27   28-90   41-   101AL   PCT   MEAN   OO OBS   FRED   SPD   OI    ## 3.4   3.7   .9   .3   .8   8.4   9.8   6.2    ## 15   4.5   4.9   1.3   .2   .0   10.9   9.7   9.3    ## 16   4.6   8.8   2.0   .3   .8   17-2   10.1   15.9    ## 17   4.5   8.4   1.2   .2   .8   17-2   12.1   15.9    ## 18   3.7   8.2   1.0   .1   .0   8.9   9.3   12.0    ## 18   4.5   8.4   1.7   1   .0   8.9   9.3   12.0    ## 18   4.1   4.3   .6   .1   .8   9.3   8.4   7.0    ## 18   4.1   4.3   .6   .1   .8   9.3   8.4   7.0    ## 10   0   0   0   0   0   0   0   0   0	NO DIR 0-6 7-16 17-27 28-40 41- 101AL PCT MEAN 00 C6  N 3.4 3.7 .9 .3 .0 8.4 9.8 6.0 4.7  YC 4.5 4.9 1.3 .2 .0 10.4 9.7 9.3 7.1  C 6.0 6.6 2.0 .3 .0 17.2 10.1 15.9 13.0  S 3.6 3.6 3.6 2.0 .3 .0 17.2 10.1 15.9 14.0  S 3.6 3.6 3.6 .7 .1 .0 8.2 8.6 10.2 9.7  SW 3.7 4.2 1.0 .1 .0 8.9 9.3 12.0 9.6  W 5.3 8.1 1.7 .1 .0 15.2 9.7 15.9 14.0  NW 4.1 4.3 .6 .1 4 9.0 8.0 7.0 7.0  YAR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	## NO OIR   0-6   7-16   17-27   28-90   41-   1014L   PCT   MEAN   00   C6   12    ## 3.4   3-7   .9   .3   .8   8-4   9-8   8-2   8-7   10-4    ## 10.4   8-5   8-9   1-3   .2   .0   10-4   9-7   9-3   7-1   12-5    ## 12.5   8-6   8-8   2-0   .3   .9   17-2   10-1   15-9   15-9   15-9    ## 13.6   3-8   .2   .2   .9   12-2   9-7   13-9   10-0   10-7    ## 13.6   3-8   .7   .1   .0   8-9   9-3   12-0   9-6    ## 13.3   8-1   1-7   1-1   .0   15-2   9-7   15-9   15-9   15-7    ## 14.3   8-1   1-7   1-1   .0   15-2   9-7   15-9   15-1    ## 15.3   8-1   1-7   1-1   .0   15-2   9-7   15-9   15-1    ## 15.4   10-0   0-0   0-0   0-0   0-0   0-0    ## 15.4   10-0   0-0   0-0   0-0   0-0    ## 15.4   10-0   0-0   0-0   0-0    ## 15.5   10-0   0-0   0-0    ## 15.5   10-0   0-0   0-0    ## 15.5   10-0   0-0   0-0    ## 15.5   10-0   0-0    ## 15.5   10-0    ## 15.5    ## 15.5   10-0    ## 15.5   10-0    ## 15.5   10-0    ## 15.5

tus E

PERIOD: (PRIMARY) 1953-1979 (OVER-ALL) 1883-1979

是是是一个人,这一种,我们是一个人,我们是一个人,我们们是一个人,我们们是一个人,我们们是一个人,我们们是一个人,我们们是一个人,我们们们们们们们们们们们们们们

TABLE 4

AREA DOCO GULF OF TEHUANTEPEC

LRC"NTAGE	FRECUENCY	O.f	CHIM	SPELO	BY	HOUR	(CMI)

					SPEED 1				201	1014
HOUR	CALM	1-3	4-10	11-21	22-33	34-47	•5•	HEAN	FREQ	CBS
00103	9.9	10.3	52.1	24.0	3.5	.5	. 6	4.5	100.0	2085
90140	14.3	10.5	52.0	19.7	3.3	. 3	.0	7.8	100.0	2006
12615	4.5	10.3	51.1	25.6	4.4	- 1	- 1		100.0	1963
18621	7.3	11.4	51.3	25.3	4.2	. 5	.0	9.1	100.0	2411
TOT	4+3	901	4368	1997	322	32		4.6		8465
PCI	10.0	10.6	51.6	23.4	3.4	.4	•	~	100.0	

TAPLE S

TABLE 6

	14066 2												DEC 0					
P	PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTMS) BY WIND DIRECTION HEAN											CEIL1% MH <5/						
WHO DIR	2-2	3-4	5-7	085CD	TOTAL	CLOUP COVER	_00 149	150	300 599	600 999	103D 1999	2000 3459	3500	500C	6500 7999	*000+	NH 45/8 Any hgt	
	1.4	1.6	3.5	2.1		5.3	-1		•2	.6	. •	.5	.2	. 1	-1	•	6.0	
ME	1.5	2.1	4.5	2.8		5.5	.2	•	.2	.7	1.3		-2	. 1	•	- 1	7.7	
C	1.4	2.7	6.9	5.4		5.8	-1	• Z	.7	1.5	2.6	. 9	- 4	. 1	-1	•	7.7	
ŠE	1.4	2.1	4.6	3.8		5.7	.:	. 1	. 4	1.3	1.7	.7	-2	•		•	7.1	
Š	. 6	1.5	3.2	2.9		5.9	. 1	- 1	.2	1.1	1.4	. 3	• 2	. 1	.0		4.9	
S¥		1.3	3.2	3.3		4.0	. 1	- 1	. 3	1.1	1.3	. 6	• 2	•	.0		4.9	
	2.1	3.1	6.3	4.4		5.5	.2	- 1	. 4	1.3	2.1	3.	• 2	- 1		•	10.6	
Na	1.5	2.0	3.2	2.1		5.1	.1	•	- 1		. 0		• 2	. 1		•	6.3	
YAR		.0		.0		.0	.0	-0	.0	.0	.0	.0	-0	.0	.0	.0	.0	
CALM	2.6	2.5	3.5	1.4		4.4	•	•	. 1	. 7	.7	. 3	- 2		•		8.1	
101 085	892	1216	2516	1800	6426	5.5	4.8	46	165	576	824	332	136	37	19	1.0	4209	6426
TET PET	13.9	19.0	39.2		100.0	•	1.1	. 7	2.6	1.0	12.8	5.2	2.0		. 3	. 3	45.5	100.0

TABLE 7

# CUMULATIVE PCT FREC OF SIMULTAMEOUS OCCURPENCE OF CEILING HEIGHT (AM >4/8) AND YSBY (NM)

					VSBT IAM	13			
۲	EILING	= OR	2 OR	= OR	= CR	= CR	: OR	= 0R	= 04
•	FEETI	>10	25	>2	>1	>1/2	>1/4	>5010	>0
= OA	>4500					.6			
= OR	>5000	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2
= 08	>3500	2.9	3.1	3.2	3.2	3.2	3.2	3.2	3.2
= OR	>2000	7.1	8-1	8.2	4.3	8.3	8.3	8.3	8.3
= 04	>1000	17.7	20.4	20.6	21-0	21.0	21.0	21.1	21.1
= 08	200	24.0	28.7	29.9	29.7	29.8	29.9	29.9	29.9
: 08	>300	25.3	30.7	31.8	32-1	32.2	32.4	32.5	32.5
= 08	>150	25.6	31.2	32.4	32.6	32.9	33.1	33.2	33.2
= OA	3.6	25.9	31.4	33.2	33.7	33.6	34.0	34.2	34.2
	10111	1714	2103	2195	2227	2234	2250	2260	2261

TOTAL NUMBER OF OSS: 6509

PCT FREG NH <5/8: 65.8

TABLE 7A

## PERCENTAGE FPER OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 085CD 085 6.3 14.3 17.5 15.2 12.2 7.6 8.5 5.8 11.9 .7 7055 ....

*£\$100:	(PRIMART)	1653-1979
	COVER-ALLS	1-42-1979

TAPLE E

SPER TOTE - GUEF OF TEMPANTEREC SHICK - 14-54

450Y			NE.	ť	51	5	5-	•	٠.	/10	216.4	F.,*	*01*
	254		•	. 1	_				_	_			C:
(1/2	AN PER	.3	:	•:	:	:	:	•	3.	• 2	٠.	. 3	
	101	•	:			.;	.:	:	:	•:	• *	- 1	
	•••	•	•	• •	-1	• •	••	•	•	• າ	١.	. •	
	PCP	•	•	•	•		•	•"	•		.5	- 1	
1/2<1		.:	•	•	٠.		•	•	•	• ^	. ~	. :	
	101 1	•	•	•	•		•	•	•			•.6	
							*						
	200	•	- 1	• 1	- 1	•		•	•	• • •	• :	. 5	
14:	NO PEP			•	•			• • •	•	•:	• "	- 1	
	101	•	. :	•:	-1	• :	•	•	•	•	-	••	
	PCP	- 1	-:	. :		- 1	. 1	-:		.0		. s	
245	NO PCP		- 1	. 1	. 1	- 1	•	. 1					
	ter s	. :	.:	• •	. 3	• 2	.2	• 2	-:		- :	1.4	
	150	.2			. 5			-5	.2		.:	3.3	
5<10	NO PCP	. 7		1.3		٠.,		1.7		:		*::	
	101 1		1.1	1.9		. 4	1.3			:-		10.4	
				• • •	• • •	•		••	-	•	• •		
	E:B	• -	. •	. 7	.5	- 5		• •	- 3	.:		3.4	
10.	.0 750	7	9.1	1	C . 7	5	7.0	13.1	*.7	• • •	5.0	43.4	
	101 2	7.6	9.4		10.2	٠.٠	7.*	15.4		٦.	٠	56.5	
	101 065												76.
	161 PC1	1.6	2	17.2	12.2	2		15.4	3.1	·r	0	107.0	

TAFLE G

PERCENT FRED OF WIND DIRECTION WS WIND SPEED WITH WARTING VALUES OF WISIBILITY													
7537 (74)	SPE KIS		١.	ŧ	ŞŁ	s	5.	•	٧.	/AR	CALM	F¢1	*OTAL
	υ-3	٠.		٠.			.:	• :	.0				• •
<1/2	10	•	•	•	•		•	. i		.5			
	11-21	.:	•	•		•			•	- 15		::	
	22.	•	•	- 1					.0	.0		.;	
	16: 1	•	•	- 1	-1	- 1	-1	- 1	•	.0	•	::	
	0-3	.0		.e		٠.	٠.		.5		٠.		
1/2(1	~-1C	ء.	•	•	•	•			•	.c		- 1	
	11-21	•	•	•		•	•	•		.0		.:	
	22.	.5	٠.	. C	.0	•		.0	٠.	٠.٤			
	101 1	•	•	•	•	- 1	•	•	•	•0	٠.	••	
	Q-3		-0	.c	٠.	- 2	٠.			٠.	.0		
1<2	4-10	•	•	•	•	•	.:	•	•	• •		••	
	11-21	٠.5	•	. 1	- 1	•	•	•	•	.:		- 3	
	22.	• 4	•	•	•	٠.	. 0	- 6	.0	.0		• 1	
	101 1	•	-1	•1	•2	- 1	•	•	• 1	-0	٠.	-•	
	2-3	٠.	•	.c	•	•			•	.0	. 1	- 1	
245	<b>~-1</b> 0	- 1	•	. 1	- 1	- 1	- 1	- 1	•				
	11-21	- 1	.1	- 2	-1	- 2	. 1	- 1	•	.5		. 9	
	22.	•	•	-1	- 1	•	. :	•	.0			- 3	
	101 2	- 1	• • •	. 3	. •	. 3	• :	• :	- 1	•:	- 1	1.4	
	L-3	-1	-1	•=	- 4	.1	-1	- 1	. 1	.0		1.1	
5<10	1C	. •	• 5		- •	٠.	• 5	-6	• 5	٥.		4.2	
	11-21	- 3		. 7	.5	. 3	• >	-7	.2	.0		3.7	
	22.	- 1	• 2	-2		- 1	- 1	• 2	•	.0		2-1	
	101 2	.4	1-1	1.9	1.4	.•	1.2	1.5	. •	.0	- •	12.3	
	0-3	1.1	1.1	1.5	1.1	1.1	1.5	1.0	1.1	.:	9-2	14.4	
10.	••10	* • • 2	5	4.9	·· 3	* - 3	***	7.7	5.0	٠.			
	1. 21	1.6	2.4	3.7	2.7	1. •	1.4	3.7	1.6	.с		16.7	
	• • •	_ • \$	• •		.2	- 1	• :	. •	. 2	٠.		2.5	
	101 1	7.4	••3	14.7	16.3	٤.٤	7.*	13.4	7.9	.c	*•Z	***	
	01 0AS												8742
1	OI PCI	3.5	10.7	11.2	12.3		6.3	15.4	٠.٥	٠.	4.7	130.2	

JULE

PEFTOD: (PFT=APY) 1953-1679 1046-4663 1983-1479

TABLE 10

AREA OCCO. GULF OF TEMUANTEPEC 14.0% 94.74

ERCENT	FRELUENCY	ÇF	(()	1113	HEIGHT	S IFEET.AM	>4/61	440

					-			-					
46JE 16411	149										TOTAL	NH 4474 ANT 161	
CSLTT	.5	-5	1.4	6.6	14.0	3.,	2.1	• >	.3	.3	26.2	73.0	1657
26609	. 9	. 3	1.9	4.1	11.7	***	1.5		. 3	.:	30.0	77.0	1485

TABLE 11 TABLE 17

		PERCENT	FREGUEN	.CT ¥53	7 (N=1	- T 4008	!	COMULAT					1.27 HOUR	
40U2	<1/2	1/241	147	245	5010	13-	TOTAL CRS	16HI)	(150 (507L	<500 <1	<1000 <5	1000+	AH (5/4	TOTAL
20101	.4	-1	.•	.9	2,4	43.4	2104	cates		2.7	10.5	17.2	72.5	1770
36566	.7		.>	1.2	10.6	84.9	1001	20105		3.6	13.2	16.5	68.3	1-1-
12515	. 5		1.1	5.2	13.4	61.2	1995	12615	1.6	7.0	17.5	21.4	+0.5	1541
10021		. 5		2.2	•.•		2379	14621	1.3	5.0	15.4	22.7	+0.5	1455
101 PCT	*5	20 •2	55	15? 1.9	10.3	7327 86.5	4+73 100-0	101 PC1	7C 1.1	305 4-5		1350	4329 65.5	6604 120.0

TABLE 15 TIBLE 16

	MEANS, EXTREMES AND PERCENTILES OF TERM 1048 F1 AV HOU								406- 1		*(=0	ENT FRE	CULNCT	Of MELA	tive w	710117	61 HOUS	<b>P</b>
-0UF	-41	992	952	251	51	11	415	*64%	1018L (55	#0U2	C-2+	30-59	FC-F4	7-79	40-44	•0-100	-EIN	TOTAL
COLCI	٧5	42	6.8		76	74	:3	42.5	7126	00663	.:		11-1	47.5	31.0	٠.,	7.6	1772
Cotas	×1	8.5	65	42	76	76	71	42.1	2053	06639	.0	.0	3.7	:3-6	50.4	11.4	\$1	1369
12614	44		45	4.2	77	75	72	\$1.4	2213	12415	٠.	.1	2.7	29.3	49.4	16-5	4.3	1623
1425.	6.7	42	٧C		7.8	75	23	\$4.C	2+37	14621	.5	1.0	14.0	47.1	27-3	10.5	77	1654

PEPICD: (PRIMIRY) 145;-1474

IIsti 17

ASSA DOLO CUEF OF TEMUANTEPES TALES - PALMA

and the state of the second second second contract of the second second

PCT FREG U AIR TEMPERATURE ERFO FO AND THE CECUPARNEE OF FOS ENTHROLE PRECIPITATIONS NO AIM-SEA TEMPERATURE OIL LARGE ERFO FO

• •			-						
325-561	73	77	ě I	**	••	>92	101		
Jan Cle	76	•=		**	*2			F 9-	***
14/16	.L					.5	;		. 1
11/13		••	•	.0	•	•	7		- 1
6/1C	٠.	٠.	•	. ?	- 1	- 2	15	٠.	
7/8	••		. :	•2	. 3	• •	51		• 7
		.0	- 1	. 3		•	54		. >
š			- 3	.5	. 5	- :	6.		:.
				1.2		. 9	165	٠.٤	7.1
•				1.5		•	21-		2.
3 2			1.7	2.3	. 3	.c	396	•	5.2
;	• • • • • • • • • • • • • • • • • • • •			3.5			• 22	-:-	5.4
Ġ		. 5	7.7				95	•	::
- ;				3.3	•		. 71		11.
- 2		1.1	11.7	1.5		::	10.1		14.4
-3	.;	1.4	4.7	1.5			*51		11.4
							•1.	::	
	•	7.7	7.2	-5	٠.	·c			10.4
-5	-1	2.9	3.4	• 3	• •	•:	515	*-	
-6	- 1	2.0	1.0	. 1	-2	-0	562		
-7/-6		3		•	-5	.2	307		4.1
-9/-10	. 5	1-1	- 2	.:	٠.	٠.:	111	-3	
-11/-12	. •	3	•	٦.	••	•:		••	••
Telts	12+		4223		234				145
		1744		1545		23	7462		
							100.0		

PERIOD: 10TER-ALL 3 1963-1976

-

22-13 11-21 #51 <1 1-2 3-6 7 6-9 10-11 12 13-16 17-12 20-22 23-25 26-23 34-68 49-66 61-70 71-86 67-7 HET C1 1-2 3-e 5-6 7 4-9 10-11 12 13-15 17-15 20-22 23-25 26-12 33-e6 61-7C 71-86 61-7C 71-86 \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* 

97.55.50			1425-3	226											f ThouseTePEC
- (	: 1011		(43)-	•				-	,			1+[4		54 84	
				•:	1 6-66 1	F 435*	SPELS	INARA SEE STORE	(1165.)	1645.35 1	ita mric	MTS 1F11			
				•							54				
<b>~</b> _1	1 - 2	4.3.	21-23	27-12	27	45.	254	1-3	4-1-	11-21	22-33	37		PC 1	
<:	. 4	1.5					1.4		1.5	-1		.c		2.0	
1-2	. 3	2.4	.7	.:	٠,	.0	3.4	. 3	2 - 3			•¢	٠.٤	3.3	
3	.0		:	.5	.:		1.4		1.5	1.1	٠.			2.5	
5-6	• -	• \$		.1	- 4		1.5	.0	. 4			2-	٠.:	1.4	
7	.0	• • •	.:	-1	٠.	٠.		.0	• 4	- 4	•	• 3			
4-9	-:	••		.:	•	.5	.:		• • •	- 1	-1	•	3.	. 2	
10-11	••	• •	••	-1	. 3	.0	.1	• 17		• • • • • • • • • • • • • • • • • • • •	٠.	-0	٠.	.:	
12	• •	-5			.^	.:	.0	,0	-0	٠.	.5	-2	.:		
13-16	•:	••		••	.:		.:	••			••	٠٥		.0	
17-1-	• 6	٠.	• •	٦.	•6	.3	.0	٠.	• 6		٠.	٠.	٠.	-:	
20+3:	••	••	••	٠.	. :	٠.	.5	3.	••	-	-0	•=	••		
27-25	• •	٠.	**	٠.	٠,		.0	.9	• 3	.0	.:	- 5	٠٤.	::	
24-32		- :	• `	.:	.:	٠.	.:	.:	• •		-5	-=		.:	
33	.0		•-		.:	-4			•-	.:		٠.	٠.	٠.	
-1	٦.	٠.	•	••	• • •				••	••		-0	٠.	• 0	
40.00	.L	٠.٤	•^	.5	::	••	• • • •	:	••	-5	••	-2	٠.	•=	
1-75		•-	•	٠.	.:	٠.			• •	•:	•=	• 2	- L	.:	
11-06			•	.5	• •	-2		٠,5			٠.5	•=	.5	• • •	
#2+	• •	. • •		ي.	.:	••	•:3	.\$	••		٠,	•5	٠.	٠.	
151 >61	.*	5-3	2	.:	•	.5	4.3			3.:	•:	•	ء.	16-1	
											٠.				TOTAL
1	1 - 3	16		22-33	34-47	• t •	6 C T	1-1	**:-	11-71	22-33	34-47	***	PET	PCT
< 3	• • •	1.7	•	٠.5	•=		2.*	•	1.5	-1	.0	-:	••	1.4	
1 - 2	. •	>.•	1.:			-:	7.5	.1	2.7	. *	••	•=	•÷	3.4	
		2		• •	• •	•=	5.3	.3	1	. •	.5	•=	٠.	2 - 1	
5.6	٠:		1.:	• •	• •	.0	1	-3	-2	٠.	••	.:	٠.	• •	
,,,	٠.	-1	•	• • •	•6	••		-2	•	• •	- 1	٠.		- 3	
10-11	::		- 1	.1 .c	:,	::		.:	•	2.	-1	÷	٦.	- 1	
1.		••	::	::		:5	.;	:	٠.	:: 3.	.1	.s	٤.	.: 3.	
13-14	::	::	::	::	::	::	::	• • • • • • • • • • • • • • • • • • • •			3.			.;	
17-15	:	::		::		.3	.5	::	::		::	:	. i.		
.2-22		•		::	::		::	:-	::	:	::	::		.0	
23-25		::		.:		::	::		.3	2.	::	3:	ئ. د.	::	
26-32	.:	::	:-	::		::		ä			: 5	::	::	:3	
33-00	::	::	:-	::	• • •	::	::	: ;	::	3.		:	::		
.1	.5				:		::	i i	:-	::	::	::	::	.:	
49-62			.:			::	::		::	.5	::	::	3:	::	
41-72		::	- ::	:ċ	.;	::	:=	:	•••	::	3.	:5		::	
71-66			- :-	.:					.;	::	::	.:	::		
47-		3.			.s	.:	.š	:3	.5	::	::		:-	:=	
161 PC:	1.5	12.1	2.5	.7			14.2	,,	5.3	7.4				1.6	41.2

or and the second of the second secon

	-140	spets	1+751	*5 56*	={ ::-1	(F11		
461	5-3	10	11-21	55-75	30-07	***	PC1	TS1 CES
<1	13.4	10.5		-1	.:	.5	24.7	
1-2	2.1	24.1					34.3	
3-4	1.1	11.1	15-3			.2	22.0	
3-6	-1	2.7				3.0	1.1	
7	45	. 7	2.5					
	72							
15-11			-1					
12	.5							
13-16		.5						
17-14								
20-22			- 5					
23.21		i.e			.5			
20.52	::	::	.:			::		
23.4	::	::			.:			
*1.4	::	::		·ċ	::	::		
****	::	::	::	- :-		::		
.1-7.					••		٠.	
	• •	٠.	.5			- •		
71-66	.,	٠.				٠.	٠.	
* 7 -	.3	٠.	-:	-5	- 5	.0	-5	
						_		1485
101 921	17-2	51	70.4	*.*			120.2	

*L+10	0: -61	12-166	: :**	4-1474					33625	14											
					P(#665	1 FEE:	) 13/3LC	* -41	E ={1	6-7 15	* 15	17( )	[*icr	15860%	231						
#{#136 #\$\$£1	<;	1-2	3-4	5**	2	9-4	12-11	12	13-14	13-16	30-22	22-25	54-32	335	•1-•3	442	41-75	71-46	47-	TOTAL	P{4%
<.	3-1	13.4	11.2		7-5	1.3	-5		- 1	-1	.:	-6	.5	.0	٠.	-5	٠.٤			2569	3
6-7	-:	2.4			4.2	1.6		- 3	- 3		•	-=		٠.	٠.	ء.	.:		.0	2059	Š
•••	-1		: - 5	3	2-4	1.1	. 2	.2	- 2	- 1	•		. 3	.:	.:	-5	٠.	.c		776	
10-11		.5	1.1	1.1	- *	.5	- 3	- 1	- 1	4			-¢		٠.	.=	.0	٠.	.2	270	
17-13	.:	.:	٠.	.7	-3	.:	•	.:				.5	••	.=	٠.					100	Ś
>12	٠.	•	-6		- 3	-1	-1	•	•	ء.								.5	.0	3.3	,
17341		1.4	1.7	1	• •	- 3	• • •	•	-1	.:		3.			3.					143	2
12116		112.	1514	1310	645	354	191	5.1	53	13		=	- 2	2	Ē	Ē	2	- 1	- 5	5432	
>€1	11.0	14.4	23.4	22.2	11.7	5-2	2.5						.ž	ı.			ء.		.3	102.0	

APEA OU'E GULF OF TEHUANTEPEC 14.0N 9+.9=

PERCENT FREQUENCY OF	MEATHER	DOCURRENCE	9 4	WIND CIRECT	IGN
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					CHCEN	I PRESC	ENCY O		OCCURATION		NO CIN	201104			
			P	<b>3ECIPI</b>	IAIIO	1176					OTHER	" WEATHL"	FHEHO	ME N.4	
#ND DIR	RAIN	PAIN Smar	DRZL	FRZG PCP4	SNOa	CTHER FRZN PCPN	HATE	PCPN AT CB TIPE	PCPN PAST HOUR	THOR LING	FOS BU PCPN	FCG JC PCPN PAST HF	SPOPE H#ZE	SPRAY EL&C GU'T BLWG SA W	
`	2.3	. 6	. 7	.0	.0	.0	.с	3.0	1.7	7.3	.c	٠.	.9	• 2	56.6
NΕ	3.9	1.9	. 5	.0	.0		٠.	6.2	3.1	7.8	. 2	•	. 4	• f	43.0
C	5.2	2.6	2.2	.0			.5	9.4	4.0	6.7	.5	•	.2	٠,	79.5
ŠE	4.6	3.2	1.7	.0	.0		٠.	9.2	5.0	8.2	. 2		. 2	•0	77.5
\$	4.1	4.2	1.1	.0	.0	.0	.0	9.4	4.	7.4	٠.	.0		. 3	70.7
SW	4.1	2.7	. 4	.0	.0		٠Ċ	7.2	5.0	7.2	.0	.c		.0	30.6
	2.9	1.7	1.5	.0	.0	.0	. C	5.7	2.2	7.4	. 3	• 2	. 5	. 3	23.5
NW	3.0	1.6		.5	. 0		. 0	5.4	2.5	7.0	•	. c	. 2	•	85.1
VAR	.0		.0	.0	.0			3.	•0	.5	.0	.0	•0	5	• 0
CALM	.1	. 3	. 3	.0	.0		.0		1.0	12.0	.0	• 0	5.0		84.3
101 PC1	3.5	2.0	1.1	.0	٠.	•0	.0	6.5	3.1	7.6	.:	•	.5	•	82.2

TABLE 2

#### PERCENT FREQUENCY OF MEATHER OCCURRENCE BY HOUR

	PRECIPITATION TYPE													MENA	
HOLR 16#12	RAIN	RAIN	ORIL	FRZG "CPN	580h	OTHER FRZN PCPN	MAIL	PCPN AT OB TIME	PCP4 PAST HOUR	IHDP LTNG	FOG 60 PCPN	FOG NO PCPN PAST HE	SMOKE HAZE	SPPAT RLWG DUST RLWG SNOW	
COEO3 USEU9 12E15 18E21	2.0 2.7 6.4 3.3	1.4 1.3 3.7 1.7	.7 .8 1.6 1.4	.0	.0	.0	.0	4.0 4.7 11.4 6.3	2.0 1.7 4 3.8	1.5 21.0 10.9	.1 .3 .2 .2	.0 .0 .1	.5 .7 .6	. 1	91.9 72.0 73.1 56.4
TGT PCT	3.6	2.0	1.1	•0	٠,٠	.0	.c	6.3	3.1	6.0	.2	•	. 5	•	82.0

#### \*\*\*\*

#### PERCENTAGE FREQUENCY OF WIND DIPECTION BY SPEED AND BY HOUP

WND DIR	0-3			22-33 22-33		•5•	TOTAL	PCT FREQ	MEAR SPD	co	03	06	HOUP 09	12	15	18	21
N	1.0	€.2	3.7	.9	•	.0		14.7	9.6	12.3	9.0	11.1	16.8	17.0	17.3	17.7	13.4
NE		4.2	5.1	. 6	. 1	.0		16.0	10.5	15.8	15.6	13.€	24.7	17.1	17.0	17.9	14.9
E	1.7	1 1	7.8	. 6	. 1	.0		21.5	10.4	21.1	17.9	20.1	18.6	21.2	20.9	23.7	20.9
SC	1.1	6.3	3.6	• 3	•	.0		11.4	9.8	11.7	5.6	13.3	11.6	9.0	14.0	11.6	10.6
\$	1.0	3.0	1.1	• 2	•	٠.		5.2	6.1	7.3	7.1	6.0	6.5	3.6	3.9	4.0	6.0
Sa	. 7	2.6		•	•	•0		4.0	7.5	6.9	7.3	3.9	5.6	2.6	4.3	2.6	7.0
Ÿ	1.2	4.8	1.2	. 1	•	٠.		1.3	7.7	8.1	15.1	8.5	5.1	7.4	7.3	5.4	7.4
N at	1.5	6.3	1.5	• 2	.0	.0		9.9	8.0	8.3	8.2	9.1	10.8	12.2	11.2	10.3	7.9
VAR	.0	.0	• f)	• 0	.0	.0		.0	.0	.0	.0	.0	.0	.0	•0	.0	.0
CALM	10.0							10.0	.0	9.4	15.0	15.1	10.2	9.9	4.0	6.7	11.8
101 065	1785	4335	2167	278	20	0	£585		8.5	1945	147	1787	196	1767	225	2315	203
TOT PCT	20.8	50.5	25.2	3.2	. 2	•0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

### TABLE 3A

		SINC	SPEED	(KNOTS)						HOU	1671	,
WND DIR	D-6	7-16	17-27	28-40	41.	TOTAL	PCI	MEAN	00	36	12	18
					-	CBS	FREG	SPD	0.3	09	15	21
N.	5.9	6.7	1.8	. 3	.0		14.7	9.6	12-1	11.7	17.0	17.4
NE	5.1	8.2	2.4	• 2			16.0	10.5	15.6	13.1	17.1	17.7
E	6.4	12.2	2.6	. 3	•		21.5	10.4	20.6	20.C	21.2	25.5
ŠE	4.0	6.0	1.3	•1			11.4	9.5	11.3	13.1	9.6	11.5
Š	2.5	2.4		•			5.2	8.1	7.3	6.0	3.6	4.2
S h	2.1	1.6	. 2		.0		4.0	7.5	6.1	4.1	2.4	7.0
¥.	3.7	3.3	.3	•	.0		7.3	7.7	6.6	8.2	7.4	5.6
NW	4.6	4.7	. 5		.0		9.9	8.0	6.3	9.2	12.1	10.1
VAR		.0	·ó	•0			.0		.0			
CALH	10.0	•••	•••		•••		10.0		9.6	14.6	9.2	7.1
101 085	3802	3876	822	82	3	8585		8.5	2092	1983	1992	2516
707 005	2002		2.7		:		100 0					100.0

JULY

PLP100 (PP14A9Y) 1953-1979

TABLE

AREA CO'S GULF OF T' MANTEFEC

PERCFATAGE	FRECUENCY	OF	- INI	APEFO	HOUR	(SHI)

				-INJ	SFEED 6	KNOISI			PCI	TOTAL
4004	CALP	1-3	4-10	11-51	22-33	34-47	48.	MEAN	1865	085
00603	٧.8	12.0	51.7	23.5	2.7	. 3	٠.	8.2	100.0	2097
65604	14.6	12.5	51.9	17.0	1.0	. 2	.(	7.3	100.0	1963
12615	9.2	9.1	50.5	27.3	3.8	. 3	٥.	9.0	100.0	1005
14671	7.1	0.9	45.5	30.0	4.5	* 4	٠.	9.4	100.0	2518
101	857	928	4334	2167	274	>0	C	8.5		6585
PCT	10.0	10.0	56.5	75.2	3.2				100.5	

TABLE

TARLE 6

	CI FRE			DILLE		IEIGHTHS3 HF40							CEILIN NH (5/					
*FD 618	5.5	5-4	>-7	00500	TOTAL 085	CLOUD COVER	C9C	150 299	300	5 J O	1000 1999	3#44 5000	35u0 4099	500C	65C) 7999	6000•	NH CS/8 ANY HGT	
` `	3.5	5.1	5.6	2.3		4.7	.1	•	.2	,,	1.4	.5	.2	. 1		.1	11.1	
NΕ	٠.٠	5.4	5.0	3.7		5.1	. 1	. 1		1.1	1.7	. 6	. 3	. 1		. 1	11.3	
Ę	2.9	3.7	9.1	6.5		5.6	.2	. 2	. 5	2.1	3.0	1.7	46	. 1	- 1		13.9	
\$€	1.5	1.7	4.6	3.8		5.7	.1	•		1.3	1.6	. 7	. 3	. 1	. 1	•	7.1	
\$	. 7	1.3	2.2	1.6		5.8	. 1	•	. 1	. 4	. 7	. 3	- 1	. 1	. 1	•	3.4	
S =	. 5		1.4	1.3		5.6	. 1	•	.1			- 1	- 1	. 1		.0	7.5	
	1.4	1.5	3.1	1.4		4.9	•	•	. 1	.5	. 0	. 4	. 1	. 1	.13	•	5.2	
N.	2.1	2.5	5.3	1.7		4.7	. 1	. 1	. 2	. 6			. 1	. 1		•	7.1	
VAR	.0	.0		٦.		. 7	.0	• • •	.0	.0	• 0	.0	.0		.0	.0	-0	
CALM	3.1	2.7	3.1	1.0		2.0	•		•		. 5	. 2	. 1		•	•	8.5	
tor cas	1297	1333	2501	1510	6551	5.1	>0	36	126	5-1	7.7	295	122	4.3	28	2:	4590	6551
161 161	10.4	26.3	14. 7	23.0	126.0				1.9	7.6	11.1	4.5	1.0	. 1			70.1	100.0

TABLE 7

## CUMULATINE PCT FREE OF SIMULTANEOUS OCCURRENCE OF CCILING HEIGHT (NH )4/8) AND VSGY (NM)

						YSEY IN	9			
	C	11.11.0	2 OR	= CR	2 OR	= QR	= QR	= OR	2 OR	= OR
	( F	(133	>10	>5	>2	>1	>1/2	>1/4	>5040	>6
:	0 8	>6500	.7	. 8	.8	. 8	. 8	. 6	• 8	. 6
:	ÇĢ	>5000	1 - 3	1 -	1.4	1.4	1.4	1.4	1.4	1.4
:	CK	>3500	2.9	3.2	3.3	3.3	3.3	3 - 5	3.3	3.3
:	9.0	>2030	6.8	7.5	7.7	7.7	7.7	7.7	7.7	7.7
:	9.0	>1000	15.9	18.5	16.8	18.9	18.9	19.3	19.0	19.0
=	CR	>600	21.5	25.6	26.3	26.4	26.5	26.5	26.6	26.6
•	0.8	>300	22.6	27.1	28.1	28.3	25.4	28.4	28.5	26.5
•	CR	>150	22.9	27.6	26.6	28.8	28.9	29.3	29.0	29.0
÷	0.6	> 0	23.1	25.0	29.2	29.5	29.6	29.7	29.5	29.4
		TOTAL	1551	1679	1959	1975	1985	1990	1997	1997

10141 NUMBER OF 265: 6736

PCT FREG SH <5/8: 70.2

#### TABLE 7A

## PERCENTAGE FREG OF LOW CLOUDS ELECHTHS

-	1	2	3	4	5	6	7			OBS
10.1	1 .2	17.5	14.3	10.0	6.4	8.1	5.6	9.5	- 4	7102

ree, 1	812-1414						14	11 0					1.
		P	ERCENT		of wind								£ 01
4584 (NM)		•	۸E	E	se	\$	SW		84	44>	CAL	PC7	101/L 0r.
	PUP	• 7		•	•	•	•	•	•	.0		. 1	
<1/2	NO PCP		•	•	•	٠.	.0		•	• ^	. (	•	
	101 1	•	•	•	•	•	•	•	•	• `	•	.2	
	PCP		•	•	•		. ;	• 0	-0	. r	.6	. :	
1/243	NO PEP	٠.	• 0	•	•	•0	• 0	.0	• 3	• ?	•	•	
	10' 1	•	•	- 1	•	•	٠,	. 1	.3	•'	•	. 1	
	PCP	•	.^	- 1	•	•		٠	•		• •	.2	
1<2	NO PER	• າ	•	.0		٠.	. 0	•	-10		•	- 1	
	101 1	•	•	- 1	• 1	•	•	•	•	.0	•	. 3	
	ه ۲ م	-1	. 1		- 1	•			٠	.0			
213	Y' PEP	•	- 1	.2	- 3	- 1	• :	•	•:	. 0	•	.7	
	151.1	• •	. 2	-5	•2	• 1	. 1	.:	. 2	.,	•	1.5	
	PUP	. 2		. 7	. 3	.2	. 1	- 1	.2	.0		2.4	
5619	NO PCP	. •	1.0	:.4	. 9	. 4	. 3	.5	-6	• "	. 4	6.1	
	101 1	1 3	1.4	7.0	1.2	٠.	. 4	. 7	. 5	-0	. 4	4.5	
	P 10	t			.5	.:	. 1	. ?	.:	.0	•	2.5	
20.	AC PCI	11 .	٠.	5	9.5	4.3	3.3	e.3	8.8	•0	9.3	86.6	
	107 A	17.	*-*		:0.0	4.5	3.4	6.5	4.0	.0	9.3	69.4	
	101 355												A ( 45
			4							_			

TAPLE 0

					T FREC						LD		
					• 1 1 7 7 7 7		TALUE:		31610				
YSBY (NH)	SPU ATS	N	VΕ	Ε	38	\$	5 .	٠	NW	VAR	CALH	PCT	TOTAL
	C-3	.0	٠.٥	-0	.0	.0	•0	3.	•0	•0	•	•	
(1/2	4-10		•	•	•	•	•		•	• 0		. 1	
	11-21	.0	•	•	•	.0		•		-0		- 1	
	22+			•	•	.0	.0	.0	3.	.0		•	
	101 1	•	•	. 1	- 1	•	•	•	•	.0	•	• 3	
	0-3	.0	.0	.0	.c	•0			.0	٠.	•	•	
1/2(1	4-1C	•	•	•	•	• 0	. 0	٠.c	.0	•0		. 1	
	11-21	.0	•	•	•	•		٠¢٠	.0	.0		• 2	
	22+	.0	•	•	•0	• 0	•	•	٠.	.0		•	
	101 1	•	•	- 1	•	•	•	•	•C	•0	•	• 2	
	C-3	.0	٠.	٠.	.0	.0	•6	٠.	.0	.0	•	•	
1<2	9-10	•	٠.	•	•	•	•	•	•	.0		• 1	
	11-21	-0	•	. 1	•	.0	•	•	•	• 0		2	
	22.	•		•	•	•0	.0	•6	•	.0		•	
	101 1	•	•	-1	- 1	•	•	•	•	•0	•	. 3	
	0-3	•	•	•	.0	.0	•0	•	•	.0	•	• 1	
2<5	4-10	.1	- 1	• 2	• 2	•	- 1	. 1	- 1	.0		. 7	
	11-21	•	- 1	. 3	• 1	• 1	•	•	•	•0		. 7	
	22+	•	•	- 1	•	•	•	•	•	.0		. 3	
	101 1	. 1	• 2	• 6	.2	- 1	• 1	• 1	• 2	.c	•	1.0	
	0-3	- 1	- 1	- 1	• 2	•	•	-1	• 1	.0	. 5	1.0	
5410		- 6	-6	. 7	. 5	. 3	• 2	• 4	. 5	•0		3.9	
	11-21	.7	. 6	1.0	.5	• 2	• 2	- 1	• 2	•0		3.0	
	22+	- 1	- 1		• 1	•0	•	•	•	۰۰	_	• 6	
	101 3	1.0	1.3	2.1	1.2	•6	. 4	. 7	. 6	.0	.5	6.5	
	0-3	1.6	1.5	1.6	1.0	. 9		1.1	1-4	•0	7.4	14.3	
10+	4-10	7.6	7.5	14.2	5.7	2.7	2.3	4.2	5.7	.0		45.9	
	11-21	3.4	4.6		2.9	• 5	• 5	1.1	1.6	•0		21.3	
	55.	8	3	*	• 2	- 1	. •	. :	. • 2	•0		2.6	
	101 1	13.5	14.4	14.6	9.9	• • • 5	3.4	6.5	6.9	•0	*.4	89.3	
	101 085							2.3		- 1		100-4	8363

301 Y

PEPIDD: (PRIFEPY) 1953-1679 (CYEP-ALL) 1877-1979

TAPLE 10

AREA CO 8 GUEF OF TEHUANS 14.0% 94.50 がある 数分の数据をなっていないがられるないのである。

## PERCENT FREUDENCY OF CEILING HEIGHTS (FEETINH DWIR) AND OCCUPRENCE OF NH 45/6 by Hour

HOUR (G#1)	200 145	150 299	30) 599								TGTAL	44 <1/8 444 +GT	
00603	• 6	.5	1.1	5.5	<b>6.1</b>	4.3	1.4			.3	23.6	77.5	1631
26609	. 7	. 4	1.5	6.7	9.7	3.6	1.0	. 5	.5	. 3	25.2	74.5	1495
12615	1	.9	3.3	9.5	13.5	4.4	1.7	. 3	• 2	.6	35.4	64.6	1634
16671		. 3	1.5	4.0	11.9	4.*	2.1	. y	.5	. 3	31.2	61.5	2011
101										25		4471	6975

TABLE 11 IABLE 17 PERCINI FREGUENCY VSPY (NH) AT HOUP H3U4 (G~1) 00603 06639 12415 16621 .? . 1 . 3 1.7 18621 3.6 11.7 52 PCI 733 7631 8582 86.9 160.0 PCT 230 77a 3.4 11.6

TABLE 13

PERCENT FREQUENCY OF RELATIVE MUNIDITY BY TEMP

1014

PERCENT FREQUENCY OF RELATIVE MUNIDITY BY TEMP

1014

PCT

PAGE 198

.5

Jul Y

PERIOD: (PRIMARY) 1953-1979 (OVEP-ALL) 1872-1979

TABLE 17

APEA FORE CULF OF TEHUANTEPEC 14.Ch 94.94 MCI FRED OF AIR TEMPERATURE LOEG FY AND THE OCCUPRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIM-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	69	7.3	77	61	85	89	>>5	101		H C
THP DIF	72	76	90	64	66	92			FJG	100
11/15	. 2	.0	• 2	.0	. 1		•	6	.0	.1
9/.3		٠.	0	. 1		- 1	. 1	35	.c	. 4
7/9		.0	٠.	•	. 3	. 7	. 1	82	.0	1.1
6	.0	. C	.0		. 3	. 4	•	56	.c	. 7
5	. U		•	- 1		. 9	. 1	143	.0	1.9
	.0	.0	- 1		1.9	. 7	.c	226	.0	3.0
3	.0	. 0	•	. 5	1.0	. 7	.o	222	. 0	3.0
3 2	.0	.0	- 1	1.7	3.0	. 3	.0	426	'n	5.7
ì		.0	. 1	2.5	4.2	. 1	.0	524	٠,	7.0
ō		.0	. 2	4.6	4.7	. 1	.0	1014	. 1	13.5
•1		- ::	.3	· . 4	3.2	.1	.0	973	*;	14.9
• ?			. 5	12.3	1.0	•		1127		15.0
-3	.5	9.	1.7	*.2				807		10.0
-4	.5	•	2.9	6.4	. 3	٠.		722		٠.٠
-5	.5	. 1	2.6	3.3		.0		474	.0	6.3
-6		:;	1.9	1.0	. i	.3	.5	237	٠,٠	3.2
-7/-8	ů,	.;	2.2	3.				279	·c	3.7
-9/-10	۵.			.,	3.	.č	.0	94	ě	1.3
-11/-13	•	.3		• • •			.5	39	.6	
-14/-16		• • • •	•		• •		.5		ě	
	7	•		.0	0	• •		,		- 1
TOTAL	,		1040		1603		27		13	7482
		146		4155		309		7495	_	
PET	. 1	1.0	14.3	55.4	24-1	4 - 1		100.6		99.8

PEPIOD: (OVER-ALL) 1963-1979

TABLE 16

				PC	T FREE (	OF WIND	SPEED	IKTSI AND DIRE	C1104 A	FRSUS S	EA HEIV	KTS (FI)		
											48			
HGT	1-3	10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	46.	PCT
<1		2.3			.0		3.2		1.5				٠.	2.2
1-2	.5	4.8	. 7	.0	•0	•0	5.4	.3	4.4	1.1			. i	5.5
3-4	-1	1.9	1.5	- 1	.0	.0	3.6		2.1	2.4	. 2	٠.	٠.6	5.1
5-6	.0	. 4	. 4	•2	. 1	-0	1.6	.c	. 3	1.5	. 4	- 1	.0	2.2
7	.0	• 0	. 4	•2	• 0	.0	. 6	•0	.0	1.1	. 4	.0	٠.	1.5
8-9	• 0	. 1	. 3	• 2	• າ	٠.	.6	•0		-2	•	.0	. C	• 2
10-11	.0	•0	•	•	•0	• D	.1	3.	- 1)	•	.1	. 1		• 1
12	•0	.0	•	.0	•¢	•0	•	.c	٠.	•0	.0	- 1	٠.	• 1
13-16	.0	• 5	-0	- 1	-0	٠υ	- 1	•0		. 1	•	.0	. c	- 1
17-19	•0	.0	.€	.0	.0	.0	.0	•0	• 0	• 7	. 1	•c	.0	. 1
20-22	.0	.0	•0	.0	•C	.0	.0	•0	.0	••	.0	•0	•0	••
23-25	•0	-0	-0	•0	.0	• 0	٠,	•c	.0	.0	.0	.0	٠,	• 0
26-32	•0	• 0	•0	.0	• 0	•0	.0	•0	با ه	٠,٠	-0	•0	.0	. 5
33-40	-0	•0	•0	•0	.0	•0	.0	•0		•0	٠.	.0	٠.	•0
41-48	•0	-0	• C	.0	•0	90	.0	•0		.0	•0	٠.	.0	•0
49-60	•0	-0	• C	.0	• C	.0	.0	•0	٠.	•c	.0	.0	-0	.0
61-70 71-46	.o 2-	•0	.0	٠0	•0	•0	.0	.0	•6	.0	.0	.0	.0	.0
87+	.0	.0	•0	.0	•0	.0	.0	.c	•0	.0	.0	.0	.0	·ă
101 PC1	1.4	9.5	1.0	.8	.1		15.7	•8	-0 5.3	.0	1.1	.2	3.	17.3
10		7.3	,	••	• • •		15.7	••		0.4	1.1	• •		11.5
				ε							SE			
HST	1-3	4-10	11-21	22-33	34-47	48*	PLI	1-3	4-10	1-21	22-33	34-47	48.	PCT
<1	.5	1.9			.0	.0	2.5							1.3
1-2	.4	7.0	1.5	.0	.0	.0	9.1	-3	2	. 9	.0	.0	.0	3.6
3-4	. 3	2.8	3.2	•1	•0	.0	6.4	• 1	1.5	1.3	•	• 2	٠.	3.0
5+6	. 1		2.6	.3	.0	.0	3.4	.1	- 5	1.3	- 1	.0	.0	2.0
7	.0	- 1	3 ·	•	•0	.0	. 5	.0	- 1	-7	- 1	-0	٠.	. •
8-9	.0	.0	. 1		٠.	. 3	. 3	•0	- 1	- :	- 1	.0	.0	
10-11	•0	٠.٥	• 2	•	• C	.0	.2	.0	٠.	- 1	•	.0	- 0	- 1
12	-0	۰.	• 7	.0	•c	.0	.0	.0		.0	.0	.0	٠.	• C
13-16	.0	.0	• 7	•	.c	.0	.0	.0	.0	.0	.0	-0	.0	
17-15	•0	.9	٠.	·£	•0	.0	٥.	.0		•0	.0	.0	•0	.0
50-55	•0	•0	-0	.c	•0	.0	.0	-0	٠.	.0	-0	•0	•0	·¢
23-25	.0	•0	•6	.0	.0	.0	.0	•0	.0	-0	•0	.0	٠.	•0
26-32	.0	-0	•0	٠.	• 6	.0	.0	•0		-6	.0	.0	3.	.0
33-40	.0	•0	.0	.0	•0	.0	.0	•0	٠.	•0		. 9	٠.	
41-48	•6	•0	•0	•0	•0	•0	.0	•0	٠.	• 0	•0	•0	• 0	•0
49-60	•0	•0	• 6	.0	• 2	.0	٠.		•6	•0	.0	•0	٠.	• 2
61-70	•0	•0	•0	.0	.0	.0	.0	• 2	•0	•0	٠.	•0	.0	•0
71-86	• 0	•0	-0	ن.	• C	.0	.0		• •	•0	.0	•0	•0	•0
87+	.0		•0	•0	•0	.0		.0		.0	.0	•0	٠.	0
TOT PCT	1.3	12.2	9.5	•6	• 0	. c	22.9	1.0	5.4	3.9	. •	.0	.0	10.4

PEPICO:	1041	P-4113	1963-1	229					JUL Y				AHEA	CTON	GULF O	F TEHUANTE
								TAPLE	18 (CONT)					14.		. 4.
				PC	1 FRED 0	-140	SPEED	(415)	AND DIPEC	TION 1	VERSUS S	EA HEIG	HTS (F1)			
				s								S =				
HCT	1 - 3	4-10	11-21	22-33	34 - 47	48.	PLT		1-3	4-1-	11-21	22-33	34-47	• 6 •	oC 1	
(1	• 5		• • •	٥.	·n	.3	. 9		• 2		45	•5	•0	• 6	1.1	
1-2 3-4	• •	1-5	. 3	-0	.0	.0	2.1		-2	1.5	• ?	٠.	•0	• 0	1.9	
5-6	.1	.8		۵۰	.0	.0	1.2		.1	.3	. 3	:	•0	٥٠	.7	
7		• • • • • • • • • • • • • • • • • • • •	.:	.0	.0	.0	• • • • • • • • • • • • • • • • • • • •		.0	.1	::	.0			.4	
£-9		٠.	•			.0	.0		.0	.;		.0	.0		.1	
2-11	::	.0	•		.0		•		.5	::	, ,	.0	.0	.0		
12		.0	. 0	.0	.0	.0	.0		.0		.0				.0	
3-16		.3	: .		ė	.0	.5		.0		.0	.0	.0	٠.	.5	
7-15				::	::	.0	0.		.c	.5		.0	.0	3.		
0-22	.3			.5	.0	.0				.5			:0		.č	
3-25	.0	, ç		.:	2.	.3	.0		.0			.0	.0		.0	
6-32	.0		'n	.0	.c	.5	.õ		້ຳ		.5	.0	.0	.0	.5	
3-43	.0	• • •		.0	.0	٠.	.0		.0		.0	.0	.0	٠.	.0	
1-45	.0	.0	• 3	.5		-0	.c		.0			.0	.0	٠.	.5	
9-60	.0	. 0			.0	.0			• 2			.5	,c	. 0	.5	
1 - 7C	٠.5	.0			. 0	.0	.0		.0		.0	.0	.0	٠.0	• • •	
1-86	.0	.0		.0	.0	.0	. 3		.0	. 3	.0	. 5	.0	.0	•0	
67+	•5	.3	.0	.0	. ၁	.0			.0		.3	.c	.0	٠.	• 0	
1 PC1	:	2.8	1.0	•	٦.	.0	4.8		.5	3.1	.7	•	.0	٠.	4.3	
												Na				TOTAL
HGT		4-16	11-21	22-33	34-47	42+	PET		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCI
(1			7.		.0	.0	1.3			1.3					1.7	. •
	•2	2.5		.0	.0	ã.	3.2		.6	2.7	.5	3.	.0		3.7	
3-4	.0	1.1		•	.0		1.6		.0	1.5	. 5	.1	.0		2.1	
-6	•	. 3	-1	.c	•0	.0			•	.2	.7	.1	.0	ı.	1.5	
7	.0	- 1	.0	•0	.0	٠.	. 1		.c	. 3	.1	• 1	.0	.c	• 1	
8-9	٥.	•	•	.0	.0	.0	. 1		.0	•	•	.0	.0	3.	•	
0-11	•0	-0		.0	.0	. U	.0		.0		. 3	•	.c	.0	•	
12	4 C	-0	• 6	.0	.0	.0	.0		.0	٠.	•	.0	.0	٠.	•	
3-16	+0	•6	٠.	•0	• 0	.0	.0		•0	.0	.0	.0	.0	.0	.0	
7-16	٠.:	-0	٠,	•0	. 0	.0	.0		•0	٥.	.0	٠.	.¢	٠.	.0	
25-0	• 0	٠.	• 7	-0	٠,	•0	٠.		.0		.5	.0	.0	٠.	•0	
3-25	٠.	٠.	. 0	.0	•0	٠.	• ?		.0	. 3	.0	.0	٥.	٠.	.0	
6-32	• 0	• 0	• 0	•0	•0	۰.	•0		• 5	.0	.0	.0	•0	٠.	.0	
3-43	• C	• 5	•0	• 0	• 0	٠.	•0		.0	- 9	.0	.0	•0	٠٥.	٠.	
1-48	•C	.5	•0	•0	٠٥	•0	.0		•0	٠.	•0	.0	•0	٥.	•0	
9-66	.0	•0	•u	•0	••	•0	.0		•0	-c	.0	.0	.0	.c	.0	
1-70	.0	•0	-0	·c	•0	•0	.0		•0		•c	.5	•0	.0	.0	
1-66	.0	•0	•0	•c	•0	•ë	•9		-0	٠,	.0	• 0	.5	٠,	.0	
•7•	.0	. •0	, •¢	•0	•0	•0	. o		.0	.t	1.6	.3	.0	J.	7. 8.8	91.3
I PCI		4	1.1													

	JIND	SPEED	(#15)	VS SEA	HEIGHI	(FT)		
HGI	3-3	4-10	11-21	22-33	34-47	484	PCT	101 085
<1	13.4	9.8	.2	.0	.0	.0	23.4	
1-2	3.3	26.6	5.6	.c	.c	.0	35.7	
3-4		11.8	19.1	.6	٠.	.0	23.3	
5-6	•2	2.5	7.2		-1	.0	11.2	
7	.0		2.6			.0	3.4	
4-9	.0	. 2			.0	•0	1.4	
10-11	.0	.0		.2	.1	.0		
12	.0	.0	-1	, ř	.1		• 2	
13-16	.0	•0	.1	. 1	•0	•0	. 2	
17-19	.0	.0	.0	.1	. 2	.0	.1	
20-22	-0	.0	.0			•0		
23-25	.0	.0				.0	.0	
26-32	.0	.0			.0			
33-46	.0	.0	.0		.0	.0	.0	
41-46	.0	.0				.0	.0	
49-60	.0	.0	.0		.0	.0	.0	
61-70	.0	.0	.0		.0	.0	.0	
71-86	. 5	.0				·c	.0	
87*			.0			• 0	.0	
			•••	• • •			• • •	1713
TOT PCT	17.7	51.4	27.3	3.3	.2	-0	100.0	• • • • •

ÞERIG	D: 101	({ <b>Q-</b> ALL	.) 190	9-1979	•				TABLE	19											
					PERCEN	T FRE	QUENCY	OF LAY	L HEI	SHI (F	1) VS	MAYE P	CAIOO	ESECON	051						
PEPIOD (SEC)	<1	1-2	3-4	5-6	1	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	336	*1-*6	40-6C	61-70	71-86	87+	TOTAL	HEAN
4>	4.3	13.2	15.1	7.7	2.7	1.2	.5	.2	. 2			.0		0	.0	.0	.0	.0	. 0	2729	3
6-7	. 1	1.9	4.1	6.4	4.3	1.4		.2	. 3	•	•		.0						٥.	1528	Š
8-9		. 7	2.6	3-0	1.9	1.0	.6	•1	. 2		-0	.0	.0	.0	. 0	.0	•0	. 3	.0	616	Š
10-11	-0	. 7		2.0			. 1	. 1	- 1			•	. 0	• •	ن.	-0	•0	. 5	.0	264	
12-13			. 7		. 3	.2	• 1	•	•		.0	.0	.0			.0			. 0	117	
>13			.0	. 3	. 3	• 2	.2	•				.0	.0		٠.	.0	• C	.0	.0	70	
INDET	5.6	1.1	2.1	1.7	, 7	. 2	.1		•		.0					.0	- c	.0	. 0	701	2
TOTAL	608	1067	1776	1364	670	293	130	45	51	15	5	1	ā		C	C	ō	0	Ü	6025	
PCT	12.1	17-7	29.5	22.6	11.1	4.9	3.5	. 7	- 6		4.3				.0	a.	- 0	L.	- 0	100.0	

									4.	. د د	T							
PEF103.	(PPIPERY)								* ,	f ot E	ı				**t /		.F 11+6 24.**	15 1160
					,	t 3C.v		***	OF MEA	l nt 6	SECT	PRENCE	-1 -1	N 31	CECTIV	1		
				p.	(101	11110	* * YP6							*1+(		er i sekt	 ••	
	ALD 013	2414	SAT.		6.426	540.	Clate	es to	PCPA	47	PCFS	P451	* 406	5 JC	F 4.		 £^4¥	No.

			ı		11110	· · VPc					11-68	ef Y I ME .	H	****	
-10 012	ALIA	GAI. Sher	URZE	4.25 A.26	540.	CTHER FRZN CPN	HAIL	DE TYPE	PCPN PAST	THOS LTNs	4 UC 40 1 LPN	FU. 16 1.44 FA.1 1	,404. +478	F^14 Find DC51 Fin 35cm	
2.	1 - 5	. • •	. • ?	. 3	.0		- 1	2.0	2.3		- 1		. 1	• •	67.v
46	*.2	1.7	2.7	.0	٠.			6.0	•		.;		. 3	•	
(	4.6	2.4	1 - 5	••	.0	• •	••	8.,	٠.٥	4.7	• 6	•		- 1	56.5
36		3.2	1.4	. 2	• 6		• 1	1 1	3.2	7	. 2	• •	• • •	• :	74
١.		i • <	1.5	• `		ن ه	٠.	8.2	4.3	2.6				• •	
>-	4.6	3 .	1.0	.5		••		1	* . 5		• •		. 3	• *	72.5
	4 . 1	7	1.4		.0			4.1	2.6	7.0	. 2	4.5		• • 1	74.5
N.W		1.3			L		. 1	4.2	2 - 2	6.6	. 2	• • •	. 5	• *	46.7
VAP							• •		• 3		. C				
CALM	. 8	. :	. 3	•1		• 0	••	1.2	٠.	:1.7	•	••	:.2	•^	• 5 • <
TOT PCT TOT OL :	v	1.4	1.1	• 3	••	••	•	6. •	9	7.>	•`	• •		-1	• • • •

\* \*\*

					, (	•	• • • •		a '	**					
				8 10	٠	****							41 .	,	
10-11 HOUF	4417	241* 5***							PCCN ELST HOUS		- 6		4		_
106.5	2.1	4.7	٠,			٠.,		2.4		1.0	- 1				
95385	2.3	1.2	. 8	• `			.:	*	4	19.0	• 2	• •	*		
12616								12.0				. (		4	
1+421				• •					1.0	. •	• ?	•		. 1	

TABLE 3 HELDENEY OF WIND DIRECTION BY SPITU AND BY MICH.

		- 51	0 595	ED 1450	1'51								-9.5	(0=1)			
- VC 0:0	7-3	4-13	11-2	,	*4 ?		TETAL	PCT	41 3 K	::	^3	ut	· •	1.	1 *	1 *	ž 1
							265	e-e-	21.7								
N	1.9	4.7	1.6			.2		12.5	٧.6	13	3.3	9.2	12.1	16."	15.0		
NE.	1 - 4	2.2	- 7	.5	•	-0		12.	11.2	13.C	4.1	1	13.5	11.5	1		·
ι	7.3	11.1	6 . A		•	.0		:	1000	19.4	17.4	4 * • 2	:0.6	1 c		27.	*, <
ŠĒ	1.3	7.2	3.7	. 3		.0		::	4.4	1	7	24.0	1		.:.?	11 5	
Š		7.6	1.3			.0		3.5	6.3	1.1	6.0	6.3	t.t	• • •	5.5	4.5	( . 5
3.6			1.1		. 1				2.7	٤.:	10.3	4.5	4.^		5.7		4.9
	1.5							٠,	7.5	2	5.5	10.5	4.*	٠.,	7.4	7.4	
34	1.6	6,4	1.0			٠.		10-1	7.0	2.2		0.2		21 '	٠٠.		17.
VAR		. 0	• 41		•	.0					• •				. `		-
CALM	10.2	• •	• • •					10-2		:		20.5			5.1		
127 Ges		4259	2.42	2.1	2.					1915		2744		1,130	*3*		215
TO PET		51.0			;;			11000	•			16			^-	:	

					114	TI "1						
		+ 1×*	SPECO	IAN'TS!						ي س	,	,
MIC SIM	<b>-</b> -0	7-16	17-47	;	*1.	15.	1265	500	2,	•	:	2.
¥	5-1	5.0	1.7	• 1			12.6	9.0	:	٠,٠	1	15.3
N.E	4.5	7.4	1.4	- 1	•		13.4	:6.1	1	. 7	. 5 . 7	17
Ĺ	6.6	:1.6	2.1		•		22.1	:0.0	19.5	11.4	2 .0	23
SE	4.6	6.6	1.2	- 1			12.5	9.4	1	15.5	V.3	1:.4
4	2.5	2.6		•			5.6	e • 3	b	3	** 3	5.0
5.	2	2.1	.:	.:	•		\$	4.7	٠.٠	٠.3	5	٠.
•	4.0	1	. 3		••		*.1	7.5	:;	10	5 . *	7
**	4.9	4.7		•	- 3		10.1	7.6		٠	11.4	11
ATE	. 5	-6	. 7	.0	• •		• •				••	
CAL-	10.2						:0.2		:	•.;	7.0	7.
216 10*	2118	1767	640	67	5	434"			36	441	1 ** *	24 11
TOT PCT	45.7	45.1	3	3.			120.		100.0	1'0.0	45	105

						400051					
PERIOD: (PRIMARY) 1957-191 (DVER-1911 1957-191						TAPLE 4					LUCE OF TEMUANTEREC
		: 620	F .TAGE	fiteu	Licy of	-110 .0	£ED 34	HULR	((*1)		
1001	CAL"	1-3	1^		\$PLEC 72+33	1+60151 34-47	46.	~{ L \	PCT FREC	101/1	
00403 20667 22415 12427 151 251	٧.٠	14.5	5:.* .0.7 .2.0 .9.7 4259	22.2 19.1 25.6 10.1 2352 24.0	1.7 3.3 2.1	::		7.1	163.8 174.3 178.6 183.6	2036 1941 1969 2401 6247	

			7.	APLE 5								14	FLE 6					
٥	CI FPL			CL.UL #		(2H1H213)		:					CCILIN NH CS/					
AF CI?	^	3-4	5-7	4 6 00505	TOTAL	COV?	( J0 140	150 299	3J2 545	\$ .5 \$ .9	1770	200C 3449	35c6 4999	57L	6560 7959	•600•	NH <5/8	
•	3.1	7.4		1.7		4.5	-1	•:	. 1	. 8	1.2	.4	•2	.:	•	.0		
۸٤	2.8	2.1	5.4	2.6		4,7	. 1	•		1.0	1.1	• • •	. 4	• :	. 1	•	10.3	
£	2.4		5.7	4.3		7.5	. 3	• 1	. 4	2.3	2.6		.5	- :	.:	. 1	13.3	
55	1.7	2.1	5. 1	3.7		4.6	- 1	. :	.:	1.5	1.5	. 7	-7	. 1	. 1	•	7.6	
5	. 6	1.0	2.6	2.7		5,7	- 1	•	. 1	.6			. 1	.;	•	•	3.0	
5.		.6	2 - 1	1.5		.,,	. 1	•	. 1		. &	. 2	• :		•	•	2.5	
-	1.7	1.5	3.4	1.4		4.1	. 1	•	. 3	. 9	. 9		- 2		•	.5	6.7	
	2.3	2.0	2.2	1.5		4.5		•		.5		. 5	. 1		•		7.6	
¥20	.0		. ~				3.		ء.			.:	. 5		.0	.0	-0	
CAL	3.5	2.5	2.2			2.3	•		•		.5	.2	. 1	- 3			8.7	
TOT DES	1196	150-	2455	1336	6413	5.0	56	21	124	539	577	265	126	3.	23	19	4523	6413
1/1 001		31 4			100		-;	7;					3.0				10.4	100.0

TABLE 7

COMMENTING PCT FREE OF SIMULTANGOUS DECURPENCE

OF CETEING HEIGHT IND SMYST AND MSSM (NM)

				4531 (NA	13			
CEILING	= CR	= 02	: ( .	: 02	: 52	= 0-₹	: 28	: 3*
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>5010	>5
= Cm >6500	. 6	.7	. 7	. 7	. 7	.7	. 7	.7
: (< >5000	1.1	1.7	1.2	1.3	1.3	1.3	1.3	1.5
= 64 3350D	2.9	3.1	3.2	3.2	3.2	3.2	3.2	3.2
2 C# >2000	0.5	7.1	7.2	7.3	7.5	7.3	7.3	7.3
= un >103E	15.3	17.2	17.5	17.0	17.7	17.7	17.7	17.7
2 KH >603	21.2	25.0	25.7	25.0	25.5	25.4	25.5	25.9
2 04 2320	22.4	26.7	27.4	27.5	27.8	27.8	27.7	27.9
= Ch >150	22.6	27.0	27.7	24.1	26.1	26.2	28.2	28.2
: 0+ > 3	22.8	27.5	28.4	24.6	28.4	28.9	29.0	29
TOTAL	1504	1516	1676	1896	1904	1939	1613	1513

TWENT NUMBER OF ONS. 6596 PCT FREE NH CS/4: 71.0

## TABLE 7A

3 : 7 3 4 5 6 7 6 -95% CS 6.1 10721 6.2 17.6 19.1 14.9 10.7 6.8 7.2 5.9 8.7 .1 6978

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UG	. S T
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PERIOD	(PRIMARY)	1953-1979
	COVER-ALL .	1207-1470

TALLE	ŧ
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WEA COTE GULS OF TEMPANTERES

THE THE PARTY OF T

													• •
		P	Ercent		OF LINE								E OF
4587 (5#)		•	1 <b>.</b> E	£	s€	s	\$.	•	14	VAP	CAL	261	10176
	PCP	•	•	. :		•	. 1	•			.0	• :	
(1/2	MO FUR	•		•	•	.:	٠.	•			•	- 1	
	ini.	•	•	•	•	•	. 1	•	•0	•^	•	•,•	
	PCP	.^	•	•				•	•	•^		-1	
1/2(1		٦.	.:	•	٠.	.:	.0	.:	.0	٠.	. 0	•	
	ici :	• ^	•	•	•	•0	•	•	•	• •	• (	- 1	
	PEP			-1	.1	•		. 1					
	NI PCP	.3	•	- 1	•	•	•	•	•	٠.		- 1	
	ter 1	• ′	•	•:	- 1	. 1	•	. 1	•	•^	•	- 5	
	PC		. 1	.2	.2	. 1	- 3	. 1		• •	.0		
255	NO FER	- 1	- 1	. 1	- 1	•	•	•	•	٠.			
	107 %	. 1	. 1	. 3	. 3	. 1	. :	- 2	•	•	•	1.5	
	<b>P</b> CP	. 1		. e	.6	. 1	.2	. •	.1	• 6	•	2.7	
5<10	NO PCP	. 7	. 7	1.2	1.0	٠.	.5	. *		.^			
	101 7	. 5	1.1	:.4	1.5	. 6	. 7	:.0	.,	• 1	. 4	5.4	
	PCP			. ;	. 4	.2	. 3	. 3	.:	••	. 1	2.0	
10.	47 P( P	11.6	17.2	17.6	10.5		2.7	7.7	9.1	.~	9.3	84 . 3	
	101 1	11.5	12.6	18.3	10.7	5.1	4.0	4.0	9.3	٠.	9.3	89.1	
	101 025												76 %

TABLE 9

PERCENT FOLC OF WIND DIRECTION AS WIND SPFED WITH MARVING MALUES OF MISIBILITY													
					-II+ Y	LRYING	ATTUE	S OF V	ISIPIL	114			
458Y (%#)	SPD #.TS	•	۸E	£	SE	s	S.	•	16	410	CAL "	PCT	*014t
	c-3	٠.	.3	.5	٠.	٠.	.:	.0	٠.٥	-0	•	•	
<1/2	4-10		.3	•	•	•	•	•	•	. 5		. :	
	11-21	•	•	•	.0	-3	•	•	•	.0		- 1	
	22.	•	•	•	.0	•	•	••	٠.	.0		- 1	
	101 1	•	•	•	•	•	- 1	•	•	-0	•	• 2	
	C-3	.0	.e	٠.٤		.:	. 3	.5	•	.:	د.	•	
1/20		.0	٠.	•	•	.0	٠.	•	. 3	.0			
	11-21	.0	•	•	•	٠٥.	-5	٠.	•	-0		- 1	
	22.	.5	-0	.0	.0	.0	•	٠.	-0	٠.		•	
	101 1	٠.	•	•	•	٠.5	•	•	•	٦.	•=	- 1	
	3-3	•0	.3	٠.	.0	.5	-0	•	•		•	•	
142	4-10	-5	- 1	•	•	•	•	•	•	٠.		-:	
	11-21	-5	•	. 1	- 1	•	•	•	•	٠.		. 3	
	22+	.3	•	•	•	•	•	•	.0	-0		- 1	
	101 1	•0	-1	• 2	••	- 1	•	- 2	•	.0	•	٠.	
	0-3	-3	•	•	•	-0	• C	•	.0	.0	•	-1	
2<5	:0	•	• 1	- 1	- 1	•	- 1	•	•	. :		- 5	
	11-21	•	- 1	• 1	- 1	- 1	. 1	• 1	•	-0		٠.	
	22.	•	•	•	•	•	•	• •	.5	- C		. 2	
	101 1	- 1	-2	- 3	- 3	- 1	.2	-2	•	.5	•	1.	
	6-3	- 1	-1	- 1	- 3	•	• 1	-2	-1	-9		1.1	
541		•	- 5	- 5	.6	- 3	- 3	- 6		٠.		3.4	
	11-21	- 3	- 5	٠,	• ?	-2	- 3	٠.	• 3			3.4	
	55.	•	- 1	. 2	- 1	•	- 1		•	٠.		- 5	
	101 E	. \$	1.3	1.6	1.5	.6	•;	1	. 5	٠.	. •		
	6-3	1.4	1	1.0	1.2	- 8	- 3	1.3	1.5	.3	9.5	25.1	
13-	4-10	6.3	6.7	15.2		3.2	2.5	5.3	4 - 1			*6.6	
	11-21	3.2	• • 1	5.6	2.4	1.0	• ?	1.5	1.6	٥.		21.	
	22.			5	. •		• 1	. :	•	-0		1.6	
	101 1	11.0	12.5	15.1	1+	5.1	1	7.9	9.2	•с	٠.5	88.9	
	101 085			_									4557
	TOT PCT	12.4	13.9	20.6	12.6	5.9	5.5	4.1	10.1	.0	10.0	105.0	

PLOIDE (+M1-82Y) 1055-1475

PLOIDE (+M1-82Y) 1055-1475

OCCUMPENCE OF MILLIAM DAVES INS

OCCUMPENCE OF MILLIAM DAVES INS

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TAGLE 11

		oe 'ceut				v mtu:		CHILING HOT LEECTING SHEET HOUR								
HCJ-		1/241			,can			MGJ# (GM\$)	(150 (50¥6	<600 1>	(160)	1066.	440 S+	TOTAL C45		
1,0711				1.1	٤.1	93.3	2557	73854	.6	2.1	• • •	13.1	76.4	1736		
SSELS	-1	•	•!					"6656	.9	2.2	4.5	14.7	75.7	1-66		
20504	.1				13.5			12615	3.2	*.5	17.5	19.5	93.3	1593		
1241	٠,٩						2363	16621	.7	3.3	12.7	55.4	66	1663		
161	19	10	46	113	725	7-25	2341 102-6	101 PC1	55 . 6	205 3.1	769 12.0		*671 70-e	120.6		

TABLE 15

TABLE 16

TABLE

PERIOD: (PRIMIZE: 1953-14,4

Idote 1'

AREA MOTO - WHEF OF TEMPANTEMES - THURN SHAPE

t tett ht Tin					01 146		••(	(1F114110A)
	#10-561				>42	161	FUC	106

116-511		7.5	77	» !	*>	45	>92	101	•	<b>b</b> •
n 01.	7;	10	#C		4+	¥2			100	1.00
:1/13				٠.		.^	•		٠.	. 1
4/13		.0	٠.	- 1	- 1	.:	- 1	• 4	. ~	
2/1		.0		- 1	. 3				. ^	. t
· ·	••	.0	•	- 1	• :	. •	•	4.	.~	. 2
5		.0	. 4		. 5	. 7	•	202	•	1.5
	••		•		1.3			35-		
\$	. e	- ^	- 1		1.4	. 8	. 3	i ii.	••	3.2
		.:	•	1.4	3			167		1.3
1				2.2		.:		-67	٠.	
					5.			1504	- 1	12.2
-ĭ		•	- ::	4.4	•	-:	.3	275	•	12.6
			.,	11.6	3.3	•		1077		1
-		٠.٠	1.5				.:			
				*	1	:		111	•	11
	•	- 1	2.5	***		• •	• •	7	••	16.4
	- 4	. 1	2.4	***	• :	•	٠.	492	. 3	6.6
- 6	• •	- 1	1.0	: . 5	- 1	• 5	. 3	251	٠.	3.5
- 1/-6	•0		2.4	1.:	- 1	٠.	.:	101	7.	
-4/-1			. 7		- 1	• • •	.0	212	. ~	1.5
-11/-1	•		- 2	- :		.:		•:	.~	
-1-/-16							.6	ì		. 1
TOTAL	:		967		7.0		2-		2.5	
	-	: 5*		1030		296	•	7265	• /	•••

PERIOC: (0418-111) 1053-1070

14446 12

				**	I FELC C	er athe	S#E40 (	-151 ALS ^[0[0	CTION Y	LFSJS S	f# =f:6	mt5 (FT)	1	
											11			
#5T	1-3	4-10	11-21	22-33	34-47		PCT	; •	4-1-	11-21	22-33	37	40.	124
<1		1.1	•		.0	٠.	2.0				. ,5			1.2
1-2		3.0	. 7		٠.		4.2	.3	4.5			.5	٠.	4.6
3-4	- 2	. •	1.5		.0	٠.6	2	.1	1.4	2.4	-1	.:	.c	4.5
5-4	.0		. 4	-1	٠.	••	1.3	.3	. 2	1.1			٠.٤	1."
;	-0	- 1	.:	- 1	•6	-0	.3	.0		- t	-1	٠.		
4-4	.0	-0	.2	- 1	.c	.0	• 2	.:	. ;	. 3	٠.		٠.	. *
10-11	.0	.0	.2	-0	٠.	-5	. 2			•	•	-5	. L	•
12	•c	-0	.c	٠.	.0	-c	•3	۰.0		.2	- 2	.5		- 1
13-16	.c	.0	• • •	.5	.c	-0	.:			.^		.0	••	
17-16	.:	.0	.0	3.	.0	٠.	٠.	•0		•:	.0	• • •	٠.	
20-22	-0	٠.		.0	٠.	.3	٦.	•.	••	.:	٠.			.0
23-25	٠.	۔ء	• • • • • • • • • • • • • • • • • • • •		٠.٥	.3	.0	.2		.0	.2	-\$	٤.	
24-32	.0	.0	٠.	-0	•:	٠.		•:	ن.	•:	٠.	.:	٠.	.5
33-02	.0	.0		۰.	. 3	.5	.0	.:		• 6		•.	• •	• •
41-46	• 6	• •	.5	٠.		ુ. ૩	٠.	.0		```		-5	• :	.^
-4-65	- 5	- 0	•••	.0	.0	3.5	• • •	ء.	• • •	•	.5		- (	:
61-73	.c	٠.	• •	•¢	٠.	. 3	٠.	.s		.c	د.	.3		• • • • • • • • • • • • • • • • • • • •
71-46	٠.	٠.	• • • • • • • • • • • • • • • • • • • •	.:	.9	.5	٠.	•^			.5	.0	٤.	
\$7*	- 0	.c	•	-0	.0	-3		٠.				••		
161 9(1	2.5	>-+	٠.٠	-2	••	٠٠	19.7	•7	7.5	5.3	••	.:	٠.	12.*
				_										
<b>#57</b>	1 - 3	4-15	11-21	22-33	54-47		*:1	1-1	4-12	11-21	22-33	3	•••	<b>*</b> C1
<1	٠.٠	1.7				٠.٠	2.4	• •	.,		,		٠.,	1.1
1-2	. 5	•	1.5				3.3			1.1	.5	.3		
3	. i		3.5		3.	.3	2.5	í		3.3			.:	5.2
5-4			1.4			3.5	3.2			1,0		.5		1.3
7	.0		1 1		.0	.5	1.4	.0			•	•••		
6-9	.0	. 0		.;		-c	.,	.,		.2	. 1	.5		
10-11	-0	.0	.:		٠.			.¢				.:	٠.٤	-0
12		.0	.:	.c	.0		- 1				٠.	.c		
13-14	.0	.c	3.	.5	.:	.е		.0		.=	.c	.3	٠.	
17-19		-0	•¢	٠.	.0	• >	-3	.5			٠.	٠.	٠.:	.:
50-55	.0	.0	• 6	.5	.0	.5	٠.			. ?	٠.	-0	••	
23-25	٥.	.5	٦.	٠.	٠.	٠,٥				.^		.3		. 7
26-32	.0	-6		.0	.:		.:	.c	٠.	.0	.0	.2	٠.٤	.0
33-40	.0	• C	٠.	٠.	٠.	.0	.0	.5		.:	.0	ء.	٠.	•^
-12	.0	.5	.0	• 0	•¢	-0	.0		.2	.:	.3	.5	٠.	٠.
34-65	.c		.0	.0	٦.	-¢		.0		. `	٠.	. 3	• 6	
61-10		-0		.0	٠.	.0	.7	.0	د.	.0	.2	.0		- :-
72-86	-5		•5	.5	.0	.c	٠.	.5	••	.0	٠.	.0	.:	•0
87*	.0	-0	.:	٠.	.0	•0	•.0	.:	٠.		٠.	.0	ء.	
101 PE1	1.5	11.3	8.7	1.0	. 1	.0	29.5	1.5	4.1	4.1	- 1	-0	2.5	24.4

*****				.30				4.	6651				4-14	,		f tempentepec
PERIOD	1011	-1(()	1467-1					14*LE 10	15051	,			**! *	1		
								16757 21								
				•			3-2-11	44121 11		1104	[4503 3		w.> (. 1)			
HE 1	1-1		11-21	\$ 22-25	: a - a -	٠٤٠	PST		1-3		.1-21	22-33	\$4-47		PCT	
461 (1	1.1	:-					.,		1-3	:-	.,,.,	22-33	.0		.6	
1:2	:;		:		::	.5	2.4		::	1				::	1.5	
3		.,	. 7	3.	.c		1.4			,					1.2	
5 - 6				•	, č		1.0			.:	. 2	. 1	.1			
1			•	. 1	•	٠.	- 1					.0	•		. :	
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10-11	• • •	ن.	••		• •	٠.	.0		.^		•:	.1	.2	٠.٤	- 3	
12	- 7	• •	• •	.0	٠.5		•:		.c		.:		- 1		- 2	
13-16	. 0	. 3	**	-0	• ^	.3	• ?		•C		• ?	. 1	٠.	.5	. 1	
17-19	• *	.3	•	• • •	••		.3		•3	.0	.0		•=	٠.	.:	
20-22	٠.	• •	•		:3	.0	٠,		.3	• •	::	٠,		• 6	•:	
23-25		٠.	•	.0	::						.5	د.	.0	٠,	٥.	
33-9-			•	:5		:0	:3		: ;				.5	::	::	
-16	::		:	•	.,	.0						.5	.0	::		
49-65		::		::					ž	.3			.5	٠.	.č	
61.	ز.		•			3.									.^	
71-50			- (		. ^				٠.		.^	••	.c	i.		
.7.					-7				.^					٠.6	.0	
ICT PCT	. •	٠.٠	2. *	. 2	•		6.3		. 5	2.6	1.1	. 3	• 2	٠.5	4.7	
				_												TOTAL
hall .	1-1	10	11-21	22-23	34-47		PET		1-3	4-13	:1-21	22-33	34-47	47.	251	PCI
(1		1.4			٠,٢		1.6		.6	1.3	.1		-3		1.9	-
1-2		2.5		.0	-0	.:	3.0		. ;	2.5			.2	٠.	3.7	
3		. 6	1.7	. 1	.0	٠.	1.5		- 1	2		ن.	.0		1.7	
5-6	•		• • •		• • • • • • • • • • • • • • • • • • • •	.:			. ?	. 1	. •		.:	•6	. ŧ	
7	• • •		• :	.1	• ^	٠.	.2		-0		. 1	٠.0	. 0	٠.	- 2	
4-4	٠.	.0	- 1	-1	.0	.0	- 1		• 2	• •	•	• 1	•0	.:	- :	
10-11	• • •	. 3	• ^	.0	.c	٠.,	٠.		٠.	• •	- 1	.:	.0	• 0	- 1	
12-16	3.			.c	.0 .0	٠. ٥.	::		9.	• -	2.	.s	.c	• • •	 ?.	
17-16					·		:.		.5					.: ::	• • •	
20-22	ić.	.:		.5	::	3.			::	.5	. í	٠.		::	::	
23-25				2.		.5			.5	::						
26-32			ŗ			.š			.5			.0	.0	.5		
33-45												.0	•6		. 5	
41-44	• -			.:	••	.0	.0		.0		.0	.5	.0	٠.	.:	
49-60	.0			.:	3.	. 5	.0		.0	٤.	.:	-0	.:	٠.	- 3	
61-76	.0		• *	.:	.0	.0	.0		.5	• •	.:	.0	.0	-c	.:	
71-26	.5	٠.	• ^	.0	•:	- 5	• ?		.0	• •	.0	.:	.3	.0	.:	
•7•	٠.	••		.0	- 1					• •	.0	-¢	.0	••		
ici PCI	.5		1.9	.2	.0	.2	P.1		1.4	4.9	1.7	- 1	٠.	٠.	e-1	96.7

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では、大きないと思うない。大きないのでは、大きなないのでは、大きなないのでは、大きなないのでは、大きなないのでは、大きなないでは、大きなないのでは、大きなないのでは、大きなないのでは、大きなないのでは、

	-146	\$*6**	(*15)	WS SEA	HEIGHT	(F 1 )		
H\$1	L-3	4-10	11-21	22-37	34-47		PCI	101 085
<1	13.5	9.2	. 3	.~	٠.	.0	22.1	•••
1-2	3.0	26.4	5.1				36.C	
3-4	1.3	13.0	12.1				26.5	
5-4	.0	:.2		1			6.5	
7			2.1					
		.1	.,					
10-11								
12		2.	• 1				. 3	
13-14		.0						
17-14	.:	د.				-0	.5	
20-22	.0	.5						
23-25	.0							
26-32	.0					• 6	.c	
23-4-	.c	.0	٠.			.5	.5	
41-45	.^					.:	• • •	
49-6.	.a	.0	.0			.0	-6	
41-7E			٠.			.0		
11-66	.3						3.6	
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			_			-		1*59
				• .				- • /

61-70 71-64 .0 .0 .0 .0 .0 .0 .0 .1 .0 .1 .0 .1 .0 .2 .0 .2 .0 .3 NE 24 NG 1 3 5 5 5 6 7074L 2030 1502 634 200 00 07 120 5031 100.0 1-2 13.3 2.3 .7 .6 .0 .0 1.2 1362 17.\* 3-4 14-7 2-8 1-0 -5 -6 2-3 1747 30-1 3-6 4.1 3.0 1.0 .5 .3 1.6 1274 21.5 47- 00000000000 2.7 3.9 2.5 .7 ... .5 £\*6 10.5 1.1 -\$ -7 -3 -3 -1 -1 115 2-5 .1 0 • 0 0 0 • 0 • -.......... 0000000000 9000000000 00000000000 .000

516	150	412

PERIOD: (PPI=1R+) 1453-1474 (Obef-Att) 1886-1474	te . :	AND THE CULT OF TEMPENTERS.
	meneral electron de lesties. Colonies he ita	rielriiau

				,				,, =1							
			•	Pf CIPS	14110	. 1196					Cint C	" #FRIME.	PAENC	~{ \ t	
-70 DIS	CAIN	2414 5mag	CRIL	FEZG FCPS	240-	FCPN CIMER CIMER	-411	PCPS AT OR TIME	PCP% PAST #2.0	THD. LING	FOT AG PERN	165 et 1594 1451 h	-ZZE	***** 7400 \$*** 7021 26514	
٨.	3.4	:.^	1.3	.0	-0	.0	٠.	6.7	3.7	3.0	. 3	••	. 6		43.4
NΕ	4.3	2.0	1					7.0	4.5	4.6	- 2			- 2	32.
£ .	0.5	3.5	3.5	.5	.0			11.~		***	- 1	- 1	-:	••	
šŧ		3.4	1.4	٠.			3.	11.*	e.:	5.8	- 1	- 1		.:	20.2
5	7.6	7	3.0					15.3	4.1	3 -	.7	• -	.:		74.9
š.				.:			3.5	15.3	5.6	3.7			. >		.3.4
•		3.2	2.5	.3				12.0	4.1		. 2	٠.	. 3	.3	77
N.	5.6	2.0	2.3	.0	.0		. 1	13.1	4.1	1	. 2	•:	.:	.:	***
110	2.0	3.5	1.5	.3					:3	••	٠.		.:	• • •	••
CALM	. 7	.3		.6			.1	1.6	2.2	e - 1	. 1	•	:.*	.:	e?.3
107 961	4.5	:.:	4-1	.:			•	17	4.7	5.2	•:	•		•	75

#### TARLE 2

### process reconsists or measure accountact to most

				4{C1P1	11110						01=14	SERIME		r(%1	
#06F (6#1)	941%	-1:% Smei	beit	Fars CCON	550.	67-E# FRZN FCPN	+11£	PCPN AT SE TIME	4000 4000	inte Litt		105 ec 255% 5451 mc	-176	>==== PL=C 24C= PL=C 24C=	
20123	3.4	2.4	1.9		.0		٠.	7.7	2.5	٠.	. 1	.:	- 3		
20100	4.7	2.5	2.2	.3	.0	. 3	٠.		4.5	1 ?			.5	-:	7
12415	4.4	• . 5	2.5		٠.		.:	10.0	2.4	7.4	. 3	- 1	- 3	٠.	
16421		2.4	1.4				•		*.7		- 2	••	- 5	••	**.*
101 PCT		3.2	2.1	.:	٠٠	••	•	16.7	*	5.5	.:	•	.•	•	74.8

#### TABLE 3

### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		-:-	D SPE	ED 1440	123								MC.2	(1-7)			
-#0 DI2	C-1	4-1C	11-21	\$5-33	34-47		14131 660	FC:	540	çs	23	26	£•	12	11	14	21
	1.4	٠.٠	3.1	.7	.:	-0		10.3	12.4				7.0				
ME	1.0	4.5	3.5	. e	- 1	-3		11.5	11.3	6.1	• • • 3	7.1	• • •	13.4	15.5	: • • 5	11.5
E.	1.4	1.2	5.0	.7	•	- 6		15.4	15.1				11.7				
3€	1.3	5.6	2.6	-1	.:	•		6.7	4.5	11.:		15.9	22.4	7.9	7.8	••2	7.0
5		**1	1.4		•	-0		7.5			0.8	3.5		•.•	7	5.0	* - \$
Sa	1.3	5.2	2.7		-1	•			4.4	:1-3	11-1	٠.;	4.4	7.4	1:-9		13.1
	1.7	4.4	5.1		•	•		16.3		14-1	17.4	17.6	17.2	14.5		:3.4	10.0
	1.0	7.3	2.7	. 3	•			11.3		5.5	13.4	10.5	14.3	13.4	: • • ?	11.0	13.7
YAR		.5			.:	-5		.3		.0	.c	.:		.0	. ~		٠.
CAL-	•.5							4.5	نَ .	***	10.2	14.0	13.0	*.*	10.4		4.5
101 055		-043	2119	244	• 2		4163		4.5	1263	1-7	1722	192	2050	70-	2151	: * 6
TOT PET		50.3					- • •	100.0	-	:::.:	165.7	100.7	150.^	160.5	150.0	130.0	100.0

.. . . .

		-155	SPEED	1440151						= £ _ 6	15-1	1
-10 012	5-6			24-45	41-			-[ 45	22	7.	: 2	1.6
						C\$7	fata	345	23	5.6	2.5	5;
	•.2	4.2	1.5		•		15.1	15.4		7-1	::-4	:3.0
VE	3.3	5.5	2.5		•		11.0	11-1	4.7	7-1	11.7	
ć.	5.3	4.3	1.4		•		15.4	16.1	1>	****	:5.7	12.2
ડેદ	0	•		•	•		4.2	4.7	10.9	21.1	7.4	
3.	3.0	1.	.,	•	•		2.5		4.3	4.4	5-2	3.7
Š-	3.3	4.1	1.1	-1			• • •	1.1	:1.3	4.:		٠.:
-	5.6	4.7	1.6		•		16-3	4.6	14.2	17.6	1 5	15
46	5.3	5.3			••		11-3	8.7	6.5	11.1	:3.5	11
146	٠.۵	.0	.0					.:	.2	-6	3.	.:
CALF	7.5						9.5	٤.	e - 3	13.5	6,6	
101 025	3525	34.78	855	46		41.3		4.4		1624	1442	25.7
101 #21		93.1	12.5			,	100.0			175.6		

,(p\*t\* (+

#{#!~; {##!#!?*! .wj,-14*,		AREA CO'S GOLF OF TEMPARTERS
E-6127411 1467-1-76	tree .	2

PERCENTAGE PRESURSOR OF MINE PROFE OF HOUR ISSUES

-y. s	146 **	5	4-10	12:	::	24-47	•••	~ 1 1 1	1065	CES
33673	4.*	13	>:->	٠,	3.3	- 5	. ;	2.3	1-4.0	2272
->40 .	12.5	11.6	> 1	2	3.2				:::::	
1241,		9.0		20.7	:			٠	120.5	: * 6 2
19471		13.0	-4.5	2	*.5			٠.٤	.~*.5	25-7
**	7.5	943	***;	::•	299	• .				
-, -		1	> • -	. t	,.,		•		:^:.6	

Paule 5

;	FET FREE OF TOTAL CLOUD AROUNT RESORTEST OF LINE CITECTION								repocation. Theodiagn of colling recombs (filam 2-78) and olderpriage of an 4578 fr wind (ipecotion)									
est ble		;·•	٠.,	e t	TOTAL Des	SERV. SERV.	;::	150 244	'32 '6.		1966				1540		171 HG.	
		7.0		2.3		•.•	-1		.:		1.7		.:	1	•	•	7.5	
×4	:	. :		2.4			.:	.:		1.2	1.5	- 1	• •	•	•	.:	7.4	
	:		• • •	4.4				. 2	. :	2.0	٠.٠	- 6	. •	. 1	•	.:	4.2	
,.	1. ;	1.5		7.		4.4	.:	- :	. 3	1.0	1		. 3	•:	•	•	5.4	
		1.7		:.<		*.*	.:	•			1.5		-:		•	•:	•	
٥.	. •		5	• • •		• • •	- :	.:		1.4		. 4	- 1	•	•	•	4.5	
			6.3	٠.٠		4.0	- ?	•		7.0	2.4				- 3	. 1	•.•	
٠.	:	٠.٠	•. •	3.1		*.*	- 3	•	• •		:			•	•	•	7.:	
474								••	•	.:			.5	- "	.0			
641-	2.4	2.5	5. "	1.1		••1			•	- 5			.:		•	•	*.:	
167 2.5		11.4	2451	174"	****			3:	30.	542	334	313	124	:-	: 4	1:	364;	*21.
>(1		,			170.0		:."		,	11.5	1	5	7.5	•	•	••	.2.;	130.0

"ABLE "

١					7584PE	
		_	 			

					*5** ***	· )			
- 1	241313	* :*		: 42	: 65	: 60	: 54	: :=	در -
•		>17	>5	>2	>2	>1/2	>1/*	>50.0	٠,
	>+510		.5	- 2	-5	- 5	-5	••	٠.
2.0	)"LCE		2.2	1.6	1.5	11.5	1.5	1.5	
- 25	>3366	2.6	2.4	3.2	3.5	3.5	3-6	3.5	:
	12020	5.4	7.0	7.4	4.5		4.3	4.5	
- 20	2001<	10.4	2:	22.2		22.3	22.4	22.4	22.4
	25.0	24.2	32.	37.4	32.1	22.2	32.3	12.3	::.;
	>16.6	27.4	54.2	35.4	32.4	75	75.4	35.4	35.6
- 30	>155	27.4	35	35.4	34 - :	34.2	39.3	36	
: ::	<b>&gt;</b> =	29.3	25.7	34-4	27.2	27	37-5	22.7	37.2
	12741	1	2230	2377	2361	2779	2393	2352	2244

TUTEL NUMBER OF DASH | 6751 | PCT FACO Nº 17781 | 1247

14:LE 74

### #\*\*\*\*\*\*\*\*\*\* \*\*\*\*\* CLOURS (EISHTHS)

ŧ	۵	•	e	ū	2	

MANAGEMENT OF THE STATE OF THE

								SEP	162863						
PERIOD: (PRIM) (OVER:		955-1579 886-1979						1.4	tLE 6				ANE	14.64 9	F TEMUANTEPEC 4.96
			P	KCENI	PRECE				45 9CCI					r ot	
	V 5 F T		N.	NE	ξ	ŞE	\$	\$ 6	•	44	AYG	CALM	PUT	TOTAL Ot'	
	<1/2	PSP NO PCP	:	:	:	:	.1 .c .1	.0	.0	:	.0	٥.	.2	••	
		TOT 1	•	•	. 1	. 1	- 1	•	•	•	. 7	•0	. 3		
	1/2(1	PCP NO PLP 107 L	.0.	:	.1	:	• 0	• 1	.¢	:	. c	::	.1		
	142	PCP NO PCP	•0	:	:	-1	:	•1	•1	:	:	•	.3		
		101 1	•	• 1	•	-1	•	. 1	• 1	•	•:	•	.'		
	2<5	HO PCP TOT L	.1	.1	• 3 • 1	.1	.1	.1	.2	.1	.0	.;	1.3 .7 2.0		
	5<10	PCP TOT L	.; ;,	.3	.6 1.2 1.9	.5 .7 1.2	. 4 . 6 1. 0	1.0	.2 1.7 2.1	.5 .5 1.3	• • • • • • • • • • • • • • • • • • • •	: ;	7.5 12.0		
	10•	PCP NO PCP 101 1	, ' 5.6 9.1	9.3 9.7	.A 12.6 13.3	7.7 8.2	5.3 5.7	6.6 7.2	.8 13.0 13.8	.5 6.1 9.6	.0	.1 e.7 6.3	80.5		

101 OLS 101 PCT 12. 11.3 15.7 9.7 6.9 6.5 16.7 11.7 .0 9.1 100.0

Y, BLE S

PERCENT FRED OF WIND DIPECTION VS WIND SPEED
WITH VARYING VALUES OF VISIBILITY

76.23

				•	SILH A	APTINS	AVEOU	S OF Y	IZIFIC	114			
4584 (NH)	SPO KTS	٧.	NE	E	SE	S	5.	•	NE	YAY	CALM	PCI	101AL 250
	0-5	.0	.0	.0	.0		.0		•	.0	.c		•••
<1/2	4-10	•		';		•		•	•		••	• 1	
	11-21	•	.0				•	•	•	, c			
	22.	•				•	•	.c					
	101 1	•	•	• 1	-1	.1	•	•	•	.č	.0		
	0-3	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	
1/2<1	4-10	.0	•	•	.0	. 5	•	•	•	.0		- 1	
	11-21	.0		• 1	•		. 1	•	•	.0		. 2	
	22*	.0			.0	•	•	.0	•	.0		. 1	
	101 1	.0	•	. 2	•	•	• 1	•	•	.0	.0	. 4	
	0-3	.0	•с	.0	.0	.0	.0		.c	.0		•	
1<2	4-1C	•	•	•	•	•	- 1	•	•	.0		. 2	
	11-21	•	•	- 1	. 1	•	•	•	•	.0		. 3	
	22+	.0	•		.0	•0	•	•	.0	.0		- 1	
	107 1	•	- 1	• •	-1	•	. 1	-1	• 1	.0	•	• •	
	J-3	•	.0		•	•	•	•		.0	. 1	. 2	
245	4-10	. 1	- 1	1	•	. 1	. 2	. 1	• 1	.0		• •	
	11-21	. 1	- 1	• ?	- 1	. 1	• 2	• 1	. 1	.0		1.0	
	22+	. 1	•	•	•	•	•	• 1	•	-0		. 3	
	101 £	. 3	• 2	• •	•2	• 2	. 4	. 3	• 2	.0	. 1	2.3	
	0-3	- 1		.1	. 1	. 1	- 1	- 1	. 1	.0	. 7	1.3	
5(10		.4	.5	• -	. 6	• 5	. 5	1.0	. 6	•0		5.0	
	11-2:	. *	.5	•	.5	. 4	.6		.5	.0		4.3	
	22+	- 1	•2	• ?	•	- 1	- 1	•2	- 1	.0		2 - 1	
	101 2	1.0	1.2	1.3	1.2	1.0	1.6	5.0	1.3	•0	. 7	11.7	
	0+3	1.3	1.0	2.5	1.2		1.0	1.5	1.2	.0	8.5		
10.	4+10	4.9	4.9	7.5	5.0	3.5	4.2	7.7	6.2	•0		43.8	
	11-21	2.1	2.9	14.3	1.9	1.3	1.5	4.2	٤٠١	.0		20.2	
	55.		. 7	٠,٠	- 1	•	. 2	. 3	• 2	٠.		2.5	
	101 1	9.0	9.5	્રંફ	3	5.7	7.2	13.4	9.6	.0	8.5	84.6	
	101 085												7955
	TOT PCT	1 3	11-1	15.6	9.8	7.0	9.5	16. 1	1 .2		9.3	100.0	

こう こうちょう こうかんてんこう いいちゅうしょうしんかい しゅうしんしん かんしん しんしん しんしん しんしん

101 PC1 TAPLE 10

APEA OGEN GULF OF TEHUANTEPEC

# PERCENT FREQUENCY OF CEILING HEIGHTS (FEET. NH 24/8) AND OCCUMPENCE OF NH <5/8 BY HOUR

> 31 165 697 924 318 .5 2.5 10.6 14.0 4.6

TABLE 11 1ABLE 12

		PEWCENT	FREQUEN	CY V\$71	(AM) E	Y HOUR		CUMULAT					VS87 (NH) 1.87 HOUP	
HOUF (GHT)	(1/2	1/2(1	145	2<5	5<1^	10+	TOTAL OBS	HÕUR (GMI)	<150 <5010	<6C0	<1000 <5	1000+	NH 45/8 AND 5+	TOTAL OBS
00603	.4	.2	, 7	1.4	4.6	84.5	20+3	00603	. 6	3.7	12.5	19.4	64.4	1726
06669	. 3	.4	.6	2.4	13.3	83.0	1927	90340	1.4	4.0	15.7	19.3	65.0	1359
12615	. 3		. 3	5.6	15.5	79.7	1#66	12615	1.6	6.0	20.2	24.4	55.4	1460
16621		.4	, 4	2 - 1	9.6	80.6	2312	19651	1.5	4.8	17.0	23.7	59.3	1806
101 PC1	29	29	52 .6	191 2•3	950 11.7	6497 44.6	8148 100.0	101 PC1	1.3		102a 16.2	136C 21.7	3943 62.1	6351

TARLE IS 178LE 15

HEANS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY MOUR PERCENT FRECUENCY OF RELATIVE

OF RELATIVE HUNIDITY SY TOTAL 085 2058 1970 1898 2372 6298 HIN 69 71 68 70 68 #EAN 87.7 81.5 80.8 83.7 82.3 94 89 92 95 45.2 32.5 24.9 47.1 2466 35.8 50-1 51.6 30.7 7684 -0 82 84 78 81 93 66 66 91 87 84 89 87 83 82 81 84 82 18 77 76 78 77 ..... .5 11.6 14.4 21.1 9.9 909 6.9 3.0 2.2 11.5 75 75 75 75 75

SEPTIMATE

PEPICO: (PPIMARY) 1955-1479 (OVER-ALL) 1886-1979

TABLE 17

APEA DOCK GULF OF TEMUANTEPEC 14.04 94.9-

THE PROPERTY OF THE PROPERTY O

PCT FREQ OF AIR TEMPERATURE (DEG F) AND THE CCCUPAGNCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	65	69	73	77	81	65	69	>92	151	-	-0
1mb 91t	6.6	72	16	<b>#</b> C	84	6.6	65			FUG	FOG
11/15	.0	. 3	٠.	.0			.0	•	5	.5	. 1
5/10	. 0	. 5	.0	.0	- 1	•	.1	.1	18	.0	• 3
1/8	• C	. 3	.0	.3	. 1	. 1	. 3	.1	42	.0	-6
•	.0	. ē		•	- 1	. 2	.2	•	31	•0	, 4
5	•0	.0	.0	- 1	. 2	. 8	.4	•	101	.0	1.4
	.0	.0	٠,		.6	1.0	. 4	. 6	146	•	2.5
3	.5	. 3	• 6	- 1	. 4	1.4	.4	•	265	-0	2.3
3 2	. C	. 3	•		2.1	2.8	.:	٠.)	372	.0	5.3
ì	•0	.0	•	. 3	2.8	2.5	.1	.0	401	•	5.6
ŝ		.0		. 7	8.4	3.3	- 1	.0	681	•	12.4
-1	.0	.0	. 1	. 6	8.5	2.0	•	.0	805	- 1	11.3
	.0	.0	•	2.2	12.0	1.2	.0	-0	1.59	•	15.5
-3	.0	•	- 1	2.6	6.2	. 4	.0	.0	600	٥.	11.3
	.0	.0	.2	3.6	6.5	. 2	.0	. 3	760	.0	10.7
-5	.0	.0	• 2	3.9	4.0	. 1	.0	ن.	13c	•	8.2
- č	.0	.0	. 3	3.0	1.4	•	.0	• C	337	• 0	* . e
-7/-4	.0	•	1.0	3.5	. 5		.0	.0	342	•	5.4
-9/-10	.0		. 7	. 7	. :		.0	.c	111	.0	1.6
-11/-13	.0	•	. 3	.2		.0	.0	.0	3.3	.0	. 5
-14/-16				•	٠.	٠.	.0	٠.٥	4	.:	.:
-17/-19	•	.0		.0	٠.	.0	.0	.5	2	.0	•
TOTAL	1		201		4006		147			13	7063
	-	7		1556		1143		15	7076		
								•	100.0	-	60.4

PEPIOD: (OVER-ALL) 1963-1979

TABLE 1

FRED OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT) 22-33 11-21 .6 1.3 1.3 .2 .2 .0 .0 .0 .0 .0 .0 1-3 7000100010000000000000 HGT
<11-2
3-4
5-6
7
8-9
10-11
12
13-16
17-19
20-42
43-25
26-32
26-32
71-86
47-86
47-86
47-86
47-86 22-33 1-3 4-1J .97 1.2 .3 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 1-3 4-10 1.4 3.5 1.6 .2 .0 .0 .0 .0 .0 .0 .0 .0 7000000000000000000000

									\$							
PEPIOU:	COAF	)-ALL }	1963-1	279				TAPLE	16 (CONT)				APEA	14.		F 1EHUAM16PEC • Y •
				PC	I FREG OF	FIND	SPELD	(415)	AND DIREC	IICh Y	ERSUS S	EA HEIG	HIS (FI)			
				\$								5.				
HST	1 - 3	10	11-21	22-55	34-47	40.	PCT		1-3	4-10	11-21	22-35	34-47	48.	PCI	
<1	. 5	1.1	• !	٦.	• 2	٠.	1.7		• 5	. 9	- 1	.0	•0	ب.	1.5	
1-2	. 3	2.0	. 3	.0	٠c	.0	2.7		.1	3.3		.0	•0	٠.	4.3	
5-6		1 - 4	• (	:	•0	.5	5.0		·c	1	1 - ?	. 1	.c	٠,٠	2.7	
7	.0		. 7	1.0	.0	.0	1.2		.1	- 1	. 6	. 3	.2		1.3	
•-9	.5	::	• • •		ć		• •		.0	.1	.6	.2	.2		:3	
10-11	.0	::		.0		.5	:		.0	::	::		• ;	3:		
12		:5	. 1		.c	.0	• • •			.5	.5		.c			
13-16		.5		.č	3.		.0		iè	.5	.0		.0			
17-19		.0	. 6		.è	.0	.0				.,		.,	.0		
20-22	.0	. 5			.0		.0		.0		.c	.0	.5	.0		
23-25	.0	. 0	.0	.c	• 0	. 5	.0		•¢		.c	.0	-0	.0	. 2	
26-32		.0	.0	• 6	.0	.0	.0		.0	٥.	c	.0	.0	٥.	•0	
33-40	. 0	.0	.3	.0	• 0	.0	.0		.0	.3	.0	3.	.0	٠.	ō	
41-48	.c	.0	.0	١.	• 0	•0	.0		٠.0		.0	.0	.0	. 0	ō	
46-95		.0	.0	.0	•0	-0	.0		2.	.0	.0	.0	.0	.0	• 0	
61-70	·c	.0	.0	.0	.c	.0	.0		.0	.0	.0	.0	.0		.0	
71-86	.0	. 3	• • • •	• • • •	•C	.0	.0		٠.		.0	.0	-0	٠.	.0	
67+	.0	.0	.0	•0	• 2	.0			.0	.0	.0	.0	.0	C	.0	
101 061	.9	• • 8	1.0	. 1	•	.0	7.8		.7	5.9	3.8	.7	- 1	•	11.3	
												46				TOTAL
HGI	1 - 3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-35	34-47	450	PCT	PCT
<1	. 6	1.5	• 1	٠.	.0	.0	2.2		.6	1.2	٦.		٠.	.0	1.5	
1-7	. 9	4.2	. 6	.0	.0	.0	6.1		. 4	3.2	.7	.0	.0	.0	4.3	
3-4	.2	2.5	2.1	• 1	•0	٠.٥	4.9		.1	1.5	1.2	• 1	•0	٠.	2.5	
5-6	.0	• •	1.9	- 2	•0	-9	2.5		.0	. 3		•	.0	.0	1.1	
7 8-9	•3	• ?	1.3	• 3	•c	•	1.5		•0	- 1	.2	. 1	•0	٠.	. 4	
10-11	9.	.0	.?	.0	1.	.0	: . : .		•0	• C	:	- 1	•0	٥.	• 1	
13-11	.0	.0	::	.5	• 2				.0	.5	.0	-1			.1	
13-16	.5			.1		.0	.1		.0		.0	.0	.0	3:	::	
17-19	.5				.0						::		.0	3:	:5	
20+22	.6	.0		.č	.0	.0	.0		ò			.0	.0		ž	
23-25			9.	.0	, c		·õ						.0			
24-32		.0	3.	.c	.0	.0			.0	.5	.0	.0	.0		.0	
33-40	• 0	.0	.:	٦.	.0	.0	. 0		.0	.0	.0	.0	.0	.0	.0	
41-40	.0	. 5		.0	.c	.0	.0		.0	.5	.0	.0	.c	٥.	.0	
49-6C	•0	.0	• €	٠.	٠.	.0	.0		.0	. 3	.0	.0		.0	٠Ċ	
61 7G	• 6	.0	.0	.0	•0	.0	.0		.0	.0	.0	.0	.0	٠.	• 2	
71-66	•0	.0	. C	.0	٠,	.0	.0		.0	.0	٠.	.0	.0	٥.	.0	
87+	•0	.0	• •	.0	•0	.0	.0		.0	.0	.0	.0	.0	٠.	.c	
IOI PCI	1.7	8.5	6.5	. 9	• 1		18.0		1.2	٠.٥	2.9		•	.0	10.4	90.0

	#IND	SPEEU	(KIS)	YS SEA	HEIGHT	(FI)		
HGT	0-3	4-10	11-21	22-33	34-47	48.	PCT	101 085
<1	14.8	0.2	.5	•C	.0	.0	23.5	VB3
1 - 2	3.4	24.1	6.0				33.€	
3-4		11.2	9.2				21.6	
5-6		2.5	8.2				12.0	
7	.0	. 7	3.3				5.3	
8-9	•0	.1	1.0				1.6	
10-11	• 5	.0				i.c		
12	.0	.0	. 2					
13-16		.0	٠.					
17-19	.c	•0					• 2	
20-22	.0	.0	.0			.0	.1	
23-25	.0	.c	.c			.0	.0	
26-32	. 3	.0	.0				. 5	
33-40	. 6	-0	.0		.0	.0		
41-42	• 5	.0				.0	.0	
49-66		.0	.0			.0	• 5	
61-75	• 0	.0	.0			.0	•0	
71-85	.5	.0				.5		
87.	.0	.0				.0		
			•••	• • • • • • • • • • • • • • • • • • • •	•••	•••		1713
INT PET	16.4	46.8	26.5	6.6	,		100-0	

PERIO	C: (0)	ER-ALL	1 194	2-1979	li .				TABLE	19											
					PEPCEN	F4E0	UENCY O	F WAY	E HEIG	HT (FT	1) 45 :	MAYE P	ERIOD	ISECON	05)						
PE#100 (SEC)	41	1-5	5-4	>-6	,	8.9	17-11	12	13-16	17-14	20-22	23-25	26-12	33-40	41-48	49-10	61-70	71-86	47+	TOTAL	HEAN HGT
<6	4.1	12.5	14.0	6.9	3.2	. 9	.5	• 2	• 3	- 1	.0	.0	.0	.0	٠.	•0	.0	٠.	. 0	2442	3
6-7	. 2	2.0	6.1	0.4	4.3	1.9	. 5	. 4	. 3	.1		.0	.3	.0	.:	-0	.0	.0	.0	1509	Š
8-9	. 1	. 7	2.9	3.5	2.2	1.4	. 6	• 2	.2	- 1	•	.0	-0	.0	.6	•0	.0	.0	.0	683	
10-11	.0	.6	. 9	.9	. 7	. 7	.2	.2		•	•	.0	.0	٠.	.0	-0	.0	.0	.0	254	
12-13	.0	.0	.7	.5	. •	.2	• 2	•	•	-0	.0		.0	.0	.0	•0	.0		.0	113	6
>15	.0	٠.		. 3	. 3	- 1	. 1	•	. 1	.0		•	.0	.0	.0	•0				53	8
INDET	5.2	1.1	2.2	1.5	.6	• 2	- 1			. 1			.0	. 0	.0	•0	.0	•0		627	2
10746	544	975	1629	1251	664	307	163	61	62	16	5	•	٥	0	0	٥	0		0	5681	
PCT	5.6	17.2	28.7	22.0	11.7	5.4	2.9	1.1	1.1		. 1	- 1	.0	-0	.0	•0	.0	٠Ď	٠.۵	103.0	

									00108	C P						
P(@100:	(PHIMARY)	1953	1475						11608	ı		,	MET OF.	14.5N	F OF TEHU 94.96	ANTEPEC
	COVER-ALL I	1472	.1414				escent		TATHER	OCCUPRETIC	r 24 - I	.0 2191	CTION			
								K( + U	at a rest.	VCC			464146	PHENOM	£ %4	
					ECIPII								100 40	3+0+6	50024	**
	PAD 016	RAIN	SHER	ORZL	FRZG PCPN	\$40=	FRZN PCPN	HAIL	DEPN ST	PCPN PAST MGUR	£ 190		FCP' PAST H'	m#26	PL.C 5NO.	SIU MEA
					.0	.0	٠.	.c	3.5		2.3	. 1	• •	1.1	. ?	92.2
	N.	1.4	1.5		.0	.5		• C	3.0	2.9 3.7	3.7	. 2	٠.	.6	·c	£5.4
	Ë	3.3	2 + 2	1.4	.0	٠.	.3	•0	6.5 6.5	3.7	4.6	. 7	• • •	• 2	.0	53.0
	şt	3.5	2.3	2.7	.0	.0	.3		15.2	5.5	3.2	٠,	• • •	. 6	.0	75.3 75.2
	\$ \$ b	7.2	2.7	1.9	٥.	.0	. 3	•0	9,4	3.3	5	. ?	::	:3	.5	64.2
	•	2.7	1.9	1.6	• 0	.0	.0	• 6	3.5	5.3	3.4			٠,٠	. 1	49.6
	Nh.	1.5	1.0	• ?	.0	9.		.0	".:	1.6		٠.	.6		۰٬	•D 91•7
	CAL"	.C	.0	٠, د				اه	1.3	.7	4.5	. 0	٠.	1.2	• • • •	,,.,
	TOT PCT	7620	1.7	1.0		.0	.:	٠.	5.1	• 3	3.5	• 2	٠	.1	.1	87.0
										n <b>et ?</b> ,c x y = 500						
						٥	FACENT	rest			,					
					esicie.	*****	A TYPE					****	2 .717.1	•••	· w? « #	
	40.5 (641)	BYIN	PAIN SHER	æze	6426 6687	\$40.	OTHER FRZN FLPN	HAIL	08 1141 0004 T	F HGUP	1 1 PC 1 1 PC 1 PC 1 PC 1 PC 1 PC 1 PC	; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ; ;	POS NO POPN PAST H	H426	6.46 74	NG 51 516 54 +64
													:	1.5	5. c	45.3
	02603	1.5				- 5		.1	3.4	7.9	:0-				2	61.7
	Colos	2.1						.0		4.2	4.1	3 .		- 1	6 .1 5 .1	52.6 91.v
	12615	2.2		1.7						2.7	•	٠.	• • •		>	
	10641								5.1	1,7	3		•		7 -1	47.3
	101 Ce2:	7.435		1.0	3	-1	c	•	7.,	·						
										8.6 3						
					PERCE	711GE	FRE 201	*C 4 01	FIND O	RECTION 84	34660	**** E .		_		
	WND 019	0-3	-I 4-10	11-51	22+33	34-41	46+	1014	L PCT	200 200	o <b>o</b> 0	:3 7	r 03 #6no	17	15	ię 21
									21.7	16.1	21.2 1	17				.6 21.3
	<u>N_</u>	1.3				3.0			16.7		16.3 1	1.4 13				7.6 13.4
	NE £	1.1					•		10.7	13.6			.5 6.3			5.8 7.0
	šc	٠.	3.5	1.2	.2		, , ;		6.2	3.7 9.2	5. k	6.9		2.9	3.4	
	\$	• 1	, ,,,						6.0	10.2	8.5	6.1 '	7.3	5 • 2	6.3	5.4 7.1 1.0 14.0
	SW								12.5	0.0	13.9 1		3 12.4 ?.4 15.2		12-1 1	3.1 14.7
	N.	1.5			. 9	•			13.3			1	15.2		. 3	.0 .0
	STA						o. c	1	1.6	.0	N . A	8.7 1	1.4 6.5	. 6.3	3.5	5.7 6.4
	CAL4 101 065 101 PC1	7. 134 16.	3 - 66							11.2			756 16°	1662	100° J 12	0.5 100.0

0C106ER

PEPICO: (PHIMARY) 1953-1979 (OVER-ALL) 1872-1979

HE LANGE

TABLE 4

AREA CONS GULF OF TEMUANTEPEC 14.5% 94.98

THE PROPERTY OF THE PROPERTY O

	COTOUCACY	~*					
PERCENTAGE	PRESIDENCE	Ų,	* I *U	2566.5	Þ٢	HUUK	15 4:1

				-140	SPEEC 6	KNOTSE			oc1	IOIAL
HOL &	CALP	1-5	4-10	11-21	22-33	34-47	48+	46.44	FREC	592
20300	2.5	8.4	-4.6	78.6	9.1	2.2	. 2	11-0	100.0	1954
10206	11.1	9.6	43.7	24.4	V.2	2.0	- 1	10-5	150.0	1944
12-15	7.6	8.4	-2.7	27.6	11.6	1.7	. 3	11.4	190.0	1918
1-671	5.5	8.4	41.1	29.0	13.4	2.5	•	12.1	110.0	2249
101	635	706	3486	2231	666	166	9	11.2		6119
761	7.6	6.7	47.9	27.5	10.9	2.5	-1		100.0	

TACLE 5

TABLE 6

ι	CI FRE			01450		EIGHTHS) MEAN		1					CEILIN NH <5/					
PMD DIS	0-2	3-4	5-7	37260	TOTAL OBS	COVL9	566 149	15C 299	300 599	500 749	1000	2000 3449	3500 4999	500° 6454	6500 7669	*C00•	NH 45/8 ANY HGT	
٠,	4.2	5.7	6.1	2.7		3.7	. 1	- 1	.2	1.0	1.4	. 7	. 3	. 1	. 1	. 1	18.0	
NE	5.9	3.7	4.6	1.9		3.9	•	•	.:	. 8	. •	. 5	. 2	. :	•	.1	13.1	
Ĺ	2.7	2.6	3.2	1.9		4.5	•	. 1	- 1	.5	1.1	.5	- 2	. 1	•	•	7.7	
38	1.3	1.*	2.2	1.3		4.9	. :		- 1		٠.	. 3	• 1		.0	•	4.4	
5	.6	1.1	1.6	1.5		5.5		•	.2	.6		• 2	. 1	. 1	.0	•	2.8	
5.		1.3	2.6	2.3		5.5		•	. 2	. 6	1.3		. 3		•	•	3.6	
	3.0	2.8	4.1	3.0		4.4	.2	- 1	.2	1.2	1.4		. 2		•	.0	8.0	
No.	3.3	3.4	4.1	1.6		4.2	. 1	. 1	. 1		1.2	. 5	- 2	•	.0	.1	10.0	
YAP				9.0		.c	.0	.0	• C	. 5		.0	.c		.0	.0		
CAL	3.3	1.9	2.0	.6		3.4	. 1	.c	•	. 3	. 5	.2	. 1		•		6.5	
ICT OAS	1657	1467	1915	1053	6292	4.3	40	24	8.5	-13	575	243	103	34	15	23	4730	6292
167 PET	25.5	23.3	33.	16.7	100.5				1.4	6.6	9.7	3.9	1.6		• 2		75.2	100.0

TABLE 7

# CUMULATIVE PCT FRED OF SIMULTANEOUS OCCURRENCE OF CEILING MEIGHT (NM 3478) AND VSET (NM)

						VSBY (NH	,			
	C	Elling	= 06	2 OR	= CR	I OR	= CR	2 OR	: 04	20 =
	4	FEETI	>10	>\$	>2	>1	>1/2	>1/4	>5010	>0
:	62	>6500	.5		.6	.6			.6	
:	2=	>5000	.0	1.1	1.1	1.1	1.1	1-1	1.1	1.1
Ξ	08	>3500	2.1	2.7	2.5	2.8	2.8	2.5	2.6	2.6
:	06	>2000	5.0	6.2	6.5	6.6	5.6	6.6	6.6	6.6
:	C-R	>1000	12.3	15.2	15.7	15.7	15.7	15.8	15.8	15.6
=	OR	>600	16.9	21.4	22.1	22.3	22.3	22.4	22.4	22.4
:	OH	>300	17.6	22.6	23.4	23.6	23.7	23.7	23.7	23.7
=	OS	>150	17.7	22.9	23.7	24.0	34.6	24.1	24.1	24.1
		> G	17.9	23.3	24.3	24.6	24.6	24.7	24.7	24.7
	-	10141	1158	1502	1566	1585	1569	1601	1595	1596

TOTAL NUMBER OF OBS: 6452

PCT FRED NH (5/H; 75.

TABLE 7A

#### PEFCENTAGE FREG OF LOW CLOUDS (EIGHTHS)

3 1 2 3 4 5 6 7 8 055C 085 14:1 19:0 18:7 14:2 9:1 5:8 6:1 4:7 8:0 .4 6820 2350130

							90	106[c						
PERIOD: (PRIMARY) 1 (OVER-ALL) 1							TA	PLE E				* & E	A CCT8 SU.F 08	
			EHCENT						URRENC				E of	
Y58Y (5M)		h	YE	٤	SE	5	ş≥		<b>\4</b>	A76	CALP	PCI	101/1	
	PCP	•	.с	•	•	•	.0	•		٠.	. 2	- 1	••	
<1/2	NO PCP	•	•	.0	.0	.c	.0	.0	.0	.0	.0	•		
	tor a	•	•	•	•	•	.0	•	•	.c	• 2	-1		
	PCP	•		.0	.0		•	.0	.3	.0		- 1		
1/2<1	NO PCP		.0	.c	•		•	3.		.o .a	3.	- 1		
	tot a	•	•	.c	•	•	•	.0 .0	.o .o	.0	• t	.1		
	PCP		•		•	•	•	٠	•	.0	.5	.2		
1<2	NO PEP	.0	•		.0	•	•		•		.5 .3	. 1		
	101 1	•	•	•	•	•	. 1	. 1	.1	.5	٠.	. 5		
	PCP	- 1	.:	. 1	•	.1		.1	-1	.0				
2<5	NO PEP	. 1	. 1	•	•	•	::	.1	.1	. ၁	•			
	101 1	• 2	•5	. 1	. 1	.1	. 1	• 2	.2	٠.	-1	1.2		
	PCP		•2	. 3	. 1	•2	. 3	. 3	.2	٠.	. 1	2.1		
5<10	NO PCP	1.5	1.2	. 8	. 5	.5 .7	. 7	1.2	1.0	.0	. 3	6.1		
	tot t	2.2	1.5	1.1	.6	• 7	1.0	1.5	1.2	.0	••	10.2		
	PCP	. 3	. 1	. 3	•2	• 3	. 2	. 3	.;	.0		1.9		
10+	NO PCP	19.2		9.1	5.3	2.4	5.5	10.7	11.~			16.1		
	101 1	19.5	14.3	9.3	5.5	3.7	5.7	10.0	11.3	.0	7.2	48.C		

TOI DOS 72.4 16.0 10.7 6.2 4.7 7.0 12.6 13.2 .2 7.7 100.0

TARLE 9

									ISIBIL		LU		
V581	SPD KTS	٨	*6	C	se	s	5.	*	44	VAR	CALF	PC I	101AL 065
	0-3	.0	.:	•	0		.0	٠.	-0	.0	.0	•	
<1/2	4-10	.0	•	•	•	.0		•	•	.0		• 1	
	11-21	•	•	.0	.0	•	. 3	•	.0	.0		- 1	
	22+	•		•	•	•	.0	٠.	.c	.0		- 1	
	101 1	•	- 1	•	•	•	- 3	•	•	.0	.0	• 2	
	0-3	.0	.0	-0	٠.	.5	.0	.0	.0	.0	.0	.0	
1/2(1	4-10	.0	•	•с	•	•	•	.:	-0	.0		. 1	
	11-21	•	.0	٠.	.0	. 3	٠.	.0	.0	.0		•	
	22+	•		•	.0	•	•		.0	.0		. 1	
	101 1	•	•	•	•	•	•	.5	•0	٠.	•0	-1	
	0-3	.0		.c	-0		.0	.5	.0	.5	.0	.0	
1<2	4-10	.0	•	•	•	•	•	•	.0	.0		. 1	
	11-21	•	•	•	.0	.0	•	•	- 1	-0		. 1	
	22+	•		•	•	•	•	•	-0	.0		. 1	
	TOT 1	•	•	1	- 1	•	• 1	- 1	- 1	.0	.0	• •	
	C-3	.0	-3	٠.	. U	.0	.c	-0	•	٠.	- 1	- 1	
242	4-10	.1	-1	- 1	•	.1	•	- 1	. 1	.0		. 6	
	11-21	- 1	•	•1	•	•	•	- 1	- 1	•0		. •	
	22+	• 1	•2	•	•	- 1	•	•	•	-6		. 4	
	TOT &	•2	• 2	•2	- 1	•2	-1	• 2	• 2	.0	• 3	1.5	
	C-3	•	- 1	-1	•	. 1		•2	•1	٠.	. •	1.1	
5(10	4-10	.5	.5	•5	. 3	. 3	. 3			٠.		3.4	
	11-21		- 5	• 3	• 2	- 3	.5	.5	.5	.0		3.6	
	22+	.,	. •	•2	- 1	- 1	. 1	• 2	- 1	.0		2.5	
	101 2	2.1	1.*	1.1	. 6	.7	1.0	1-5	1.2	٠.	. 4	16.1	
	Q-3	1.3	1.5	1.0	.9	.6	. 7	1.2	1.2	.0	7.3	15.2	
10.	4-10	6.2	5.0	5.1	3.4	2.3	3.3	6.9	6.4	.0		38.7	
	11-21	4.4	5.0	2.7	1.0	. 7	1.3	2.5	3.2	.0		23.4	
	52.	5.2	3.2	•\$	• 1	- 1	. 3	- 2	. 9	•0		15.4	
	101 2	19.5	14.2	9.3	3.5	3.7	5.6	10.8	11.8	•0	7.3	67.7	
	280 101												7617
	***	31 4								•	•		

C 1081 2

PERIOD: 15 PIPARTS 1953-1975 10468-444 1572-1575

TABLE 12

APEA COSE GULF OF TEHUANTEPEC

LFCENT	FREGUENCY	CF	CE 26 **G	HEIGHTS	IFECT.SH	>4/2)	440

-621 .3 .5 is to the set 3.7 1.7 is .2 .2 23.6 77.0 1666

103 41 24 89 4.4 553 244 106 36 15 23 1667 5119 672

104 105 0 14 15 to 68 3.6 110 15 12 23 25.6 71.7 100.7

Tests in Tests in

		rescent	FRECUEN	CT YS3	1 (64)	-1 4004	,	CUMULAT					1364 (44) 14364 1816	
H6UP (\$#*)	<b>11/3</b>	1/2<1	1<2	205	<b>5</b> (1)	10•	TOTAL GRS	HUBR (C#1)					NH 15/4 AND 51	13146
19663	1	.2	-2	1.1	7.5	93.5	1 > 4 5	SCEES		2.0	6.7	14.1	*7.1	1675
16639	. 3	••		1.0	11.7	50.0	1935	Sees	2.2	3.0	10.0	14.7	74.7	1 . 21
12615	- 3	• 0	.5	1.9	12.5	**.5	103.	1.215		2.0	7	47.9	*1	1551
15421	- 3	• 4		1.4	9.5	34.4	2263	1.101	. :	2		1	75.4	1605
101	15	11	3-		926	7124		101	•1			V83		6452

TAPLE 15

	EINS.	t a Ther	ES AND	PEFCE	arces	OF IE	<b>-P 106</b>	(	T HUUS		2600	ENT FRE	-ULNEY		TIVE #	911011v	67 HOU	•
4688 16=11	711	9+2	452	501	51	11	*1*	HEAM	TOTAL	-36A (6A1)	0-50	30-54	50-69	115	60-89	96-100	PEAN	10111
CD£ 33	45		43	2.2	77	71	71	82.2	2016	00103	• ^	.6	9.7	-2.2	37.9	9.4	76	1703
CFF30	49	36	*	٥:	77	73	70	80.9	1986	06639	.0	.5	3	31 - 1	40.7	15.3	42	1570
12615	43	96	ě •	4.1	76	7*	65	4 . 4	1953	12615			4.3	25.2	51.6	16.5	6.3	1012
15331	45	<b>61</b>	8.0	e 3	14	75	70	23.3	2325	1e621	• •	2.2	17.6	٠,.;	24-1	7.5	77	1602
101	45	<b>40</b>	+ 7	8.7	77	74	69	1:.8	4262	101		67	612	2426	2744	433	8.5	6647

PEFIOD: (PRIMARY) 1963-1976 (GVER-ALL) 1872-1976

APEA COME GULF OF TENDANTERES

THE STATE OF THE S

TABLE 17 FOR FREC OF AIR TEMPERATURE COLO FO AND THE OCCUPACING OF FOR A-TIMOUT PRECEDITATION VS AIR-SEA TEMPERATURE SIFF RENCE (CEC ")

			-							
110-564	64	73	7.	61	65	69	392	16		2€
.46 UTE	72	74	38	*	8 5	92			165	100
17/19	••	.0	.:	.0		.:	•	:	.^	
14/10	.0			•			٠.	;		
11/13	.3	٠.	•		•			13	.0	-2
*/1C	٠.	.0	- 1	.2	- 1	. 1	• 1	46	, c	٠.
7/6	.c		• 1	. 2	. 3	. 2	•	65	.:	. 5
ŧ			- 1	.2		. 3	.0	6.		1
Š	.0		. 2	.6	. 7			14.	. c	1
į.	.3	. 1	. 2	1.5	1.2		.0	222	•	3.1
	•	. 1		1.2	1.5	. 2	. 0	250	. 3	3.4
3 2 1	. 3	. 1	. 5	3.4	1.9		.3	421		3.7
ī		- 1	1.1	4.1	2.1			520		7.4
ċ	٠.		2.1	0.0	2.1	•	.5	961	٠:	:3.5
٠ĭ		. 1	1.5	e.4	1.5	-0	.3	845		12.6
-2			3.3	10.9	.;			1060	•	15.1
- 3		.2	3.4	6.0	.2			650		5.9
			3.9	5.0	- 13	.č	.c	664		5.4
-5	.5		3.3	÷.5	.;	•	.0	442	• • •	6.3
-6	•		2.6	3.1	•		.5	293	.c	
-7/-6	- 1	. ;	2.1	. 5				250	.š	3.6
-9/-10	•						-3	7.	:5	1.0
-11/-13	• 2	. 2	2	- :	-:-	.6	.5	31		
-:4/-16	•:	٠.		.0	٠.۵	.5	.0	- 1	.5	•:
ISTAL	2.	••	: 633	• • •	925	•••	10	•	15	7616
		243		3924	-23	122		*681	1,	1010
251	. 3	3.1	25.9	57.4	13.1	1.7	- 1	100.0	.2	95.5

PERICA: 104EP-ALL: 1963-1974

是一个人,我们就是一个人,我们就是一个人,我们也是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们们 第一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就

TABLE 10

				PC	T FPED 3	F WIND	SPEED	(KTS) /ND DIREC	1104 V	£ 8505 5	EA MEIG	<b>⊢</b> 15 (£1)		
				4	_						48			
HGT	1-3	1-10	:1-21	22-33	34-47	48*	PLI	1-3	9-13	11-21	22-33	36-47	48.	PCI
41	.6	1.1	.3	٠.	•0	.0	1 - 7	• 5	• •	• ?	.0	•3	٠.	3 - 4
1-7	• 2	2.6	1.5	.0	• ?	.0	5.3	•3	2.3		.5	٠.	.c	* • •
	•3	1.0	2.6	3	.0	.0	* . 2	:	1.5	2.4	- 5	.3	٠,	* * *
5-0	•5	. 8	2.4	1.3	- 1	. 3	4.6	.0	• 3	3 . 2	1.0	•	.c	3.1
	•0	-1	1.4	1.6	-2	.0	3.6	• 5	- 1	-7	1.5	- 1	• •	1.4
8-9 10-11	•0	0.0		• 5	- 1	.ċ	1.5	•3	• 0			• 3	٠.	1-5
	• 0		- 3	٠.	• 3	.0	1.2	.0	•	:	- **	•1	٠.	
12 13-16	. (-	•0	- 1	.3	• 3		. 7	3.	••	• 2	- 3	• 2	٠.5	. 4
17-19	٠٤	. 5	.3	• ?	• •	٠.	1.3	٠.c	• •	• ?	- 1	. 3	٠.	• •
20-22	•0	.0	3.	.0	• 1	•0	• 1	:.	٠.	: 2.	٠, د	- • •	ي.	• 1
23-25	.0	٠.		٠.	• 2	.0	• 2	•0	٠.		•0	-1	.0	• 1
25-25	• 5	• 0		٠.	·c	•0	٤.		.3		-:	• 5	٠.	::
3, 45		.0	 2.	•0	•5	.0		.s.	••		• •	• •	. 3	
41-46	.0	.5			.0	10	• • • • • • • • • • • • • • • • • • • •		•5		•4	٠,٥	٠.	• •
47-60			.0				.5		.0	.,	- 5		٠,	
61-70	.0	.0	.0	.0	2.	.0	.:		٠,		٠.	•c	٠.	
71-46	.0			•0			.0		٠.	• •	-0	- 3		2.
27.	.0	-0	o.	٥.	.0	.0	.0	:: :0	• • •	.: ::	.3	••	÷:	c
101 PS1	1.0	6.8	+.1		1.0			-7	• • •		3.6		٠.	17.3
101 7.1	1.0	5.5	4.1	5.9	1.0	•	24.8	••	3.8	6.3	3	1.2	٠.	11
				τ							56			
HST	1-3	4-10	11-21	22-33	34-47	48-	PET	•	4-12	11-21	22-33	34-47		ec:
<1		. 9	.0	.0	.c	٠.	1.5			• 0	-0		٠.	1.1
1-2	•2	3.2	. •	.0	.0	.0	3.8		2.5	- 5	-0	.2		3.0
3	- 1	1.3	1.0	• 2	•0	.0	2.6	•0	1.0		-1		••	1.7
5-6	.0	• 2	1.2	•2	•0	.0	٠.5	.0	- 1	- 3	- 1	٠.	.5	. 3
7	.0	-1		•2	•	.0	. 7	.0	٠,			-0		- 1
4-9	.c	-0	.2	• 1	5	.0	. 3	.0		-1	.0	-c	.0	- 1
10-11	.0	.0	.0	• 1	٠c	.0	. 1	.3	• •	-0				.5
12	•0	.0	.0	- 1	•	.0	. 1	•0		• 7	-0	• • •	.:	٠.
13-14	.0	.3	. 1	- 1		.5	- 1	.0	ن.	-0	.0	٠.	٠.	•0
17-15	.0	٠.	.c	.c	.0	.0	.0	.0		•0	.0	-0	٠.	.0
20-22	-0	. 3	.0	.0	• 0	.0	.0	•0		-5	.0	٠.	.0	.:
23-25	.0	.0	*0	-c	.0	.0	.:	-0	••	•.	•¢	٠.	٠.٤	.5
26-32	• C	٠.	.0	-0	•9	.:	.0	.0	-0	.0	.6	-¢	٤.	-0
33-40	.0	.0	.0	.0	- 0	.c	.c	3	.0	•0	.0	-0	-6	.0
41-46	-0	.0	.3	.0	•0		.0	.0	- 6	.:	-0	-0	٤.	• ^
49-60	•0	.0	*C	• €	.0	.0	э.	٠.	٠.	-1	-0	.0	.:	.0
61-7C	.0	٠.	.0	.0	•0	٠.	.0	.0	.0	-0	.2	.0	٠.	.5
71-06	•0	•5	.0	٠.	•0		.0	.0	••	.0	•0	•0	٠.	.0
47*	•0	.0	.0	.0	٦.	.0	.c	•0	• 5	-0	. 0	٠.	.:	.0

41%0	SPEEJ	(#15)	٧S	SEA	HEIGHT	(F1)

THE CONTRACTOR OF THE PROPERTY OF THE PROPERTY

HCI	3-5	10	11-51	22-33	34-47	**	PCI	101
(1	15.7	7.2	. c.	٠.		.0	14.5	003
1-2	3.2	21.2	5.1				29.4	
3-4	. 5	9.7	1.5	1.3	.0	.0	21-1	
5-6		2.2	7.5	3.2			13.1	
7		.7	3.3	3.6			4.1	
4-1		•2	1.5	1.5		.1	• • •	
10-11		.0		1.3			2.4	
12		-0					1.3	
13-16	. 3	.0				-0	2.5	
17-19	.0	.0	3.	3.	.2	.0		
20-22	.0	.0		.c	.2	.0		
23-25		.0			.5	.0		
20-32		٠.		.5	.5		. ż	
33-40	.5	-0	٠.		.5		.5	
41-48	.5	- 8	.0	.5	.5			
49-62	.5	٠.	3.	2.	. i.		.5	
61-72	.0	.0	.6		٠.	.0		
71-66	.5	.c	2.	.0		ě.		
87-	-0	-0		.0			.0	
			•••					1604

PERIOD: 10469-ALL1 1940-1970

a state to serve and the state of the state

14816 19

PRECENT PREDUENCY OF WANG HEIGHT 1871 WS MANE PERIOD ISECONOSI

FLPIOL	< 3	1-2	3-4	5-6	7	8-9	17-11	12	13-16	17-19	20-22	23-25	26-32	330	41-45	49-66	61-70	71-90	87-	TOTAL	MEAN
ISECI																					461
<6	4.2	10.2	12.3	7.1	2.9	1.7		•5		• 2	•	٠.	-5	-0	٠.	0	.0	٠.	.0	2350	- 4
6-7	-2	1.7	4.6	2.4	5-2	2.5	1.4		7	.2	- 1	•	-0	-0	٠.	-0	.0		٠.	1642	
8-6	•	. 5	1.4	5.0	7.9	1.4	1.2	. 7	. 7		• 2	•	.0	-0	٠.	-0	.0	.:	.3	781	7
10-:1	.0	. 3	-7	1.0	. 7	. 7	.5	. 5	- 3	- 1	•	•	.0	.0	.¢	-0	. Ç		.5	262	7
12-13	-0	-0	-5	. 3		2	•2	•	.2	.c	٦.	.c		.0	٠.	-0	-0		.0	111	7
>13	.0	.0	.0	. 3	• Z	. 3	- 2	- 1	- 1	•	•	•	٠.			.0	-0		.0	77	•
INDET	4.5	1.3	1.4	1-2	. 7	. •		- 1	•	•	.0		•	-5	٠.	-0	٠.	.0	.с	405	3
TOTAL	514	410	1382	1265	765	459	262	133	145	33	20	2	1	6	Ĺ	8	Ċ	3	C	5828	Š
254	4.9	11.0	23.2	21-7	17.1	7.9	5.0	2. 1	2.4	. 4	_ *	- 1			•		. 1.			100.0	

AFER TOTAL BULF OF TEMBETERS

e de la compaction de l

•{^	CENT	FREGUENCY	٥F	-{41n[#	OCCUPRENCE	4 4	-141	DIRECTION
-----	------	-----------	----	---------	------------	-----	------	-----------

			•	26C1P1	14110	TTPE					CINE P		PHEND	MCN4	
FIC OAL	PAIN	SM.R	2476	FOZG PCPN	SNOL	UIMER FRIM PEPS	##1L	PCPN AT CB TIPE	PCPR PAST HOUR	INTR LING	FOS au FCPN	FCS WG PCPN PAST N	SPERE	\$6144 \$1.6 JUST \$1.6 JUG	
	- 1	. 1	-1	.2	.0	.5	.:	. 3	•:	1.2	. 3	٠.	:	.5	95.0
NE.	. 2	.1	•	.c	.0	.0	٠.	.:	• 2	1.5	. 5	• • •	1.1	- 6	*5.7
f	. 9	. 7	.0	.0		.5	٠.	1.6	1.8	: . 7		• 2	2.1		62.6
\$ E	1.5			.0	.3	.3	.0	2.4	7.0	3.6		.:	. •	.3	\$1.3
•	2.2	4.7		ı.		د.	. 2.	7.4	2.2	3.4	.c	. ć	1.3	- 5	*5.*
5.	1.6	4.2	1.5			٠.	- 6	7.1	5.5	1.7	. 1		1.0	.5	A 5
•	1.9	-2	.2		٠.	.0	.0	2.3	1.2	1.4		٠.	1.0		45.2
No.	- 1	. 3	.5	.5	-0		٠.٤		• • •	1.1	. 1	- 1	1.3		96
VAR	.0	.0	٠.		.c	- Č	.0	.3	.5		.c			. 5	٠.٥
CAL"	- 1	.6	٠.	.3	.0	. 3	••		. 6	2.2	. 7		2.5		63.2
101 PC1	.5	.5	-1	.0	.0		٠.	1.1		1.6	. 3	•	1.5	. 3	**.*

TABLE 2

#### PERCENT FFEDURACY OF MEATHER OCCUPRENCE BY HOUR

				266101	14110				CIMER MENTHE FAREGRESS								
+0U2 (1=2)	9414	SHAP	DRZE	f#26 PCPh	540-	CTHEN FRZL PCPL	PAIL	PEPN AT ON TIPE	PCPR PIST MOUR	145£ 145		PEST H.	SPOPE HAZE	SPPAY RLOG JUST PLOG SNGO			
POLOS	.5		.1	.:	.0	.c		1.6	.7	.5	. :	. 1	1.5	.5	*5.5		
CHECO			- 1	٠.	-0		.0		.5	:		- 3	:.9	:	12.3		
12615	. 7	.,	. 1	-0			.6	1.7	. 9	2.2		.:	:.3	1	45.5		
14621		.*	-2	.0	٠.	.5	.0	1.0	• •	.:	- 3	- 1	1.4		*6.1		
101 PC1	.5 7324	.5	-1	•5	-0	.5	٠.	1.1	.7	1.6	. 3	.1	1.5	- 3	**.5		

TABLE 3

### PERCENTAGE PRECUENCY OF WIND EXPECTION BY SPEED AND BY HOUS

		-14	D SPE	CO IKNO	127								MC.0	(5-1)			
470 D14	0-3	4-13	11-21	22-33	34-47		TOTAL	PCT	-544	22	C3	C 6	C+	:2	15	1.6	21
							085	ta[:	SPC								
١.	2.3	•.1	1.1	•.•	1.4	•2		30.2	16.4	27.5	23.9	24.5	28.9	31.9	33.5	35.3	35.1
NE.	1.3	5.9		3.4	1-2	•		10.5	16.1	18.6	27.0	17.5	20.0	17.5	19.5	14.3	19.4
£	1.3	4.2	2.0	.5	- 1	-0		7.5	15.3	7.4	6.8	4.2	6.9	7.5		6.1	2.5
3.6	. 6	2.5		•	.0	-0		3.0	7.0	3-3	3.6	3.4	3.0	2.6	3.1	3.0	:.0
\$	-+	1.5	. 3	•	•	.0		2.4	7.3	3.4	2.4	2.7	3.5	1.3	7.3	2.1	2.5
56	. 7	2.0	- 5		•	.0		3.4	4-1	5-1	2.5	2.7	4.5	2.7	٠.٠	2.*	3.0
	1.5	5.5	٠,٠	•2	•	.0		6.5	7.2	10-1	*.7	9.5	7.4		5.4	6.7	7.5
**	2.1	* • 2	3.7	1.5		•		15.9	11.0	15.3	17.6	15.2	14.7	15.5	16.9	16.2	17.2
ATS	. 3	.0	.0	.0	.0	.c		-0	٠.	٠.		.0		.0	٠.	.0	٠.
CALP	10.3							10.3	.:	7.1	10.4	15.3	11.6	11.6	7.0	6.6	5.7
101 065	1500	2956	1440	1017	285	21	7276		11.7	1637	134	1613	144	1554	227	2113	195
101 -61	23.7	36.5	23.6	13.2	3.6	. 3		:00.0		160.0	:00.0	160.0	160.0	:00.7	100.0	1-5.0	126.0

-46 6:4	J-P		SPEED 17-27	(A4CTS) 25-40	•:•	TOTAL	PC1	PEAR SPS	63 63	#L61 24 24	12 15	16 21
*	4.7	9.7	*.1	*.*			30.2	14.4	27.2	-5.6	32-1	35.3
<b>NE</b>	4.2	4.1	5.2	2.7	-2		18-3	16.1	19	17.4	17.4	14.0
t	3.1	3.3	1.1	- 3	•		7.5	10.3	7.4	4.5	7.4	7.7
Šŧ	1.6	1.1		•			3.0	7.5	3.5	3.4	2.6	2.5
\$	1.5		. 1	•			2.4	7-3	3.4	2.6	1.9	2-2
5 %	1.4	1.3		•			2.4	4-1	4.4	2.6	3.0	3.1
	5.1	2.9		- 3	•		4.5	7.2	4.7	9.3	8.5	4.4
	4.3	4.4	2.3		.2		15.9	1:.0	15.5	15.1	16.5	
WAR								2.	.5	٠.	3.	.0
CALM	15.3						10.3		4.2	10.0	11.1	7.0
101 015	3134	2447	1419		5.4	7759		11.7	1526	1415	1761	2304
124 101	40.7	31.7	16.4	4.4			100.0	/-			100.E	

		PAPLE	•				
	 	 		- •	40.2	45411	

		PLFC	cfytasl	LEFCAF	MCA OF	-1.c 2.t	(13 6			
₩ <b>2</b> 04	CALP	1-5	~~1^		SFEEL ( 22-33		44-	-LAV	14[3 501	1614L 085
03633 09607 17615 17671 701 PC1		11.1 15.5 9.5 12.7 452 15.5	36.4 36.4 36.2 295a 34.3	29.6 23.5 23.3 26.5 1840 23.9		3.4 3.1 282 3.6		11.0	100.0	1626 1412 1761 2309 27.4

				ers	while I	(:GHTHS)			· L P C E N T	rasi f	PEQUEY	er cf	BLE 6	5 we 10	H15 E	1.5m /	·4/8)	
*** C1¢	3-2 3-2	; ), 10 5,	5-7		120h 1614L 085	62678 66070 467.	262	150 249	300 594	620	1000	2000	3560	SOL	6560	*650+	4m (5/8 14Y H61	
AT C C SF S S S S S S S S S S S S S S S S	10.6 11.6 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3	5.1 2.1 2.1 2.1 2.1 2.1 2.1 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1	2.5 1.5 .3 .7 1.5 2.1 1.6 48.3		5274 103.0	2.3 2.2 2.4 3.4 3.6 2.7 2.2 2.2 2.5	. C	*************	.1		.4	       	.2		.1	.0	16.5 7.5 2.6 7.6 7.5 10.4 0.5 5.5	5874 133.0

Tablt 7

# CUMULATIVE PCT FREE OF SINUSTANEOUS OCCURRENCE OF CELLING HEIGHT (AM SMIRE) AND ASSAY THE

CEILILG (FEET)	: cR >12	= CR >5	: CR	10 : QX 20 : QX 20 : QX	202 21/2	= 0= >1/4	1 C*	: 02
2 54 76500 2 04 75000 2 04 75000 2 04 72000 2 04 7000 2 04 7000 2 04 7150 2 04 7150 2 04 7150	.5 .8 1.5 2.7 5.6 7.2 7.6 7.6 7.5	.b .c 3.5 3.2 6.3 8.4 8.7 8.8 6.9	.6 .9 3.2 6.6 9.3 9.3 9.1 9.1	.e 1.5 3.2 6.4 6.6 6.1 6.2 551	4.7 4.0 4.1 4.1 4.2 153	.9 1.5 3.2 6.4 8.7 9.0 9.1 9.2 554	.6 1-5 3-2 6.5 8-7 8-0 9-1 9-2 5-5	1.5 3.2 4.4 4.7 4.0 4.1 6.2

TOTAL NUMBER OF OSSI 6001

## TABLE 74

# PERCENTAGE FATO OF LOW CLOUDS ECTENTIAS)

5 6 7 8 CBSCD CBS 4.6 7.6 2.7 1.5 1.6

PEFIOD:	( PR ] = LR T ?	1652-1676
	#OVER-4-13	1147-1679

The second of the second of

TAPLE &

APER TOTA GULF OF REMURNTEPEC

	,	CACENT										£ OF		
			PKEC	IPI TAT	ior FI	IN ATD	AINC A	TLUES .	C1 A12	IPILI	1+			
	•	ME	£	SE	5	<b>5</b> -	•	4.	AVE	CAL-	•61	10121		
450		.0	.0	.5	.5	. ?	٠.	.0	••	٠.	.5			
NO PEP		.0	-:	.0	. 3	.:		.:	. 3	•	•			
101 2	ن.	.0	٠.	-0		.5	•	•5	.c	•	•			
PCP	.5	.0		.0	3.	٠.	٠.	.0	٠.					
NO PEP	•			-5	٠.	.0		.0		٠.				
101 7	•	٠.	.5	.0	-0	.0	٠.	.5	•:	•	•			
PCP		.0		•		.:	.2	.0	.5	.:	•			
NO PCP		•	.0	.0			3.	•	. 7	.5	•			
101 2	•	•	•	•	•	. ?	3.	•	٠,	٠.	- 1			
PCP	. :	•		•		•		•	٠.:		. 1			
NO PEP	- 1	•	•	•	•		.1	•	٠.	.5	. 3			
101 1	- 1	•	•	•	- 1	- 1	- 1	•	•^	•	.5			
PCP	•	•	•		- 1									
NO FCP	2.3	1.3	- 6	•2	• Z	.2	. •	.7	-^	. 7	6.4			
101 :	2.4	1.5	.5	-2	- 3	. 3	•5	-+	.0	. 7	7.5			
PÇP	- 1	•	-1	•	- 1	.1					.5			
NO PEP	27.5	16.6	7.2	2.6	7.0	3.0	4.1	15.2	.0	4.4	\$1.e			
101 1	27.6	10.6	7.3	2.4	7.1	3 - 1	*-1	15-3	.:	•.•	*2.4			
101 085												71'3		
TOT PCI	30.1	18.0	3.5	3.1	2.4	:. <	8.7	25.7	••	10.2	100.0			
	NO PEP TOT 2 PCP TOT 2 PCP TOT 2 PCP NO PCP TOT 2 PCP NO PCP TOT 2 PCP NO PCP TOT 1 TOT 0ES	PCP .0 101 3 .0 PCP .0 101 3 .0 PCP .0 101 1 .0 PCP .0 NO PCP .0 NO PCP .1 101 1 .1 101 2 .1 PCP .0 NO PCP .1 101 1 2 .1 PCP .1 NO PCP .1 101 1 2 .1 PCP .1 NO PCP .1 101 1 2 .1 PCP .1 NO PCP .1 101 1 2 .1 101 1 2 .1	PCP .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	PRECE  A AE E  PCP .0 .0 .0 .0 .0  NO PCP .0 .0 .0 .0  TOT 3 .0 .0 .0  PCP .0 .0 .0 .0  NO PCP .1 .0 .0  PCP .1 .0	PRECIPITATE  A AE E SE  PCP	PRECIPITATION AT  A AE E SE S  POP -00 -00 -00 -00 -00 -00 -00  NO POP -10 -00 -00 -00 -00 -00  NO POP -00 -00 -00 -00 -00 -00  POP -00 -00 -00  POP -00 -00 -00 -00  POP -00 -00  POP -00 -00 -00  POP -00 -00 -00  POP -00 -00 -00  POP -00 -00  POP -00 -00 -00  POP -00 -00 -00  POP -00 -00 -00  POP -00 -00  POP -00 -00 -00  POP -00 -00 -00  POP -00 -00 -00  POP -00 -00  POP -00 -00 -00  POP -00 -00 -00  POP -00 -00 -00  POP -00 -00  POP -00 -00 -00  POP -00 -00 -00  POP -00 -00 -00  POP -00 -00  POP -00 -00 -00  POP -00 -00 -00  POP -00 -00  PO	PRECEIPITATION AITH VAR  A AE E SE S S SA  PCP	PRECEIPTIATION AITH VARVING YARVING YA	PRECEIPTIATION WITH VARIANT VALUES  A AE E SE S S	PRECIPITATION WITH VARVING VALUES OF VIST  A AE E SE S S & A A A VAR  PCP	PRECEIPTIATION WITH VARVING VALUES OF VISIBILIZATION WITH VARVING VALUES OF VISIBILIZATION WITH VARVING VALUES OF VISIBILIZATION OF THE VARVING VALUE OF VISIBILIZATION OF VARVING VALUE OF VALUE OF VALUE OF VARVING VALUE OF VAR	PCP		

TARLE 9

			,						15191F		ŧs		
<b>V59T</b>	SPE		46	ŧ	32	5	5-		44		CALP	PST	TOTAL
(L=)	a I S												Cas
	C-3	.0	.3	• 0	ع.	.0	٠.	•	٠.5	-:	•	•	
<1/2	4-10	•	•	-:		.0	•	•	•	٠.		- 1	
	11-21	.0	-9	- 0	-0	.0	-0	.0	.:	٠.			
	22-	- 0	.3	- 5	.0		•3	•	- 5	-6		•	
	107 1	•	•		-0		•	•	•		•	-1	
	5-3	•	.5	٠.	.0	٠.	.:	.5	.c	٠.			
1/2<1	4-10	.:	.0			.:	- 5	.0	.0	-6		٠.	
	11-21	•	•		. c		-3	٠٤	.c	٠.		•	
	22+	.c	.:		-6		.0					.:	
	101 1	•	•	•6		.0	.3	-6		3.	•	.1	
	9-3	.0	.3	-0		.5	.0	.:	•	ء.		•	
1<2	4-1C	٠.	•	٠.	.0	.0	.:	٠.,	.:	-0		•	
	11-21	•	.3	•	•	•	-=	.0	.5	-0		•	
	22.		.5	٠.	-0	.c		.5	.:	-0			
	101 1	•	•	•	•	•	-5	.5	•	-0	.0	- 1	
	Q-3	•	.0	٠.				.:	•	٠.5	•	- 1	
245	12	-1	•	•	•	•	•	٠.	•	.:		- 2	
	11-21	.0	•	•	•	•	•	- 1	•	-0		. 2	
	22+	-1	•	•	.c	.0	-0	•	•	.:		• • • •	
	101 2	-2	-1	-1	•	- 1	- 1	-1	- 3	٠.	•	.7	
	2-3	-1	-1	-1	•	-1	•	-1	-1	.0	.7	1.2	
5(10		. •	- 3	- 2	-1	.1	- 2	. :	- 2	٠.٤		1.9	
	11-21	- •	-3	-2	•	-1	- 2	•	- 2	.:		1.4	
	22•	1.3	.7	-1	.0	•	•	-1	• 2	.0		2	
	101 1	2-4	1-3	• •	-2	-2	• 3	•	-7	.c	.7		
	0-3	2.2	1-2	.,		,5		1.8	1-9	.:	7.6	19.5	
10-	10	4-4	5.5	3.5	1.9	1.3	1.4	5.3	7.9	-8		30.3	
	11-21		5.7	1.6	- 3	.2		- 4	3.4	5		22-1	
	22+	7.5	4.3	- 6	•	-1	-1	-1	1.7	٠.		14.4	
	101 5	27.7	16-7	7.2	2-6	2-1	3.0	4.0	19	ع.	*	42.2	
	260 131												7465
	TAT B/1												

* CPICL:	(P2]P4P71	1452-1475
	45.463.411.3	1440-1-76

						-							
40UR (5#1)					1600							An C*/E ILV HGT	
20101	.:	•2	->	1.4	3.0	1.7					*.2	5*.0	1563
06600	•2	3.	. •	2.5	2.4	1.*		•5	•:	• •	4	92.2	1+24
12615	.2	.1	. 5	3.2	3.4	:.•	• 2	• 3	-1	-3	10.4	25.0	1456
1.621	-1	-1		1.*	2.4	1.5	• •	. 1	.3	- 1	4.1	*1.5	1014
101 FC1												5704	

TABLE 11

1504. 27

		PEPECNI	FACSUES	LT VSE	7 (54) 1	t1 -0U2	,	CU=UL\$T					7557 (7º) 1.87 HOUR	
#802 (5=11	<1/2	1/2(1	:<2	24	\$417	10-	1014L 665	niua ("FI)	<150 <50+5		<1520 <5		44 (5/4 442 5*	TGTAL CBS
56153	-1	٤.	.:	.7	6.5	₹3.2	1827	35663	- 1	. 7	4.1	4.5	12.5	1524
Coffid	-1	.:	.=	-5	7.0	11.6	1766	F+104	•2	.5	3.0	5.7	*1	1342
12615	.:	-1	.2	.•	1.2	*1	1765	12615	-2	.7	٠.٠	7.0	***	13+5
26621	-1	•	-1	••	4.7	\$2.3	2264	10621	-1	-5	3.:	5.*	41.2	1735
101	:c	.1	.:	53	527	7444 72-1	7647 150.5	151 FCT	• • • • • • • • • • • • • • • • • • • •		• :	377	5425	120.0

				7	APLC 1	3									Test	£ 1.				
	PERC	LAT FR	EDUELE	, 05 .	ELAT:Y		)::: ·	T 1E47				PE40	( <b>1</b> 1 f#	126125		145 51	*****	% at 1	[42	
*(*2 f	5-24	32-39	40-47	53-59	45-44	73-79	10-47	4G-100	240	PCI Fat 2		16	L	5€	s	1-	•		449	CAL-
45/44				.2		-2		.0	63	1.1	. 3		-1	.\$		•	-1	. 3	ء.	.1
85/84	.6		1						543		2.5	1.2	1.6		-2		1.5	2.0	.0	. *
45/8*	ء.	- :	- 1		5.4	22-1	21.4	4-5	1275	55.0	16	ŧ	5.2	2-1	1.4	1.5	5	6.7	-0	
25/76		.:	3	- 2	1.4	1."	11.1	4.7	1665	24.4	1	5-6	1.4	-	-5	. •	2.1	3-3	.:	2.4
73/74	.:	٠.	• • • •		-5	2-1	2.:	1.2	350	5.5	2.4	1.7		•	•	-1	•	- 7	٠.	.2
45/49	.:			.0	, .		.:	•	32	- 3		-1		•	-5		.:	•	.:	
15111			12	• 1		2324	2137	257	5453	105.5							-			
***	•-	- :	• • •	1.5	10-4	31.	35.0	12.7			33.3		ŧ.•	3.2	2.4	3.3	8.7	16-1	.5	10.4

TA3LE 15

														•-			
46145.	£ = T = £ #	ES 490	P1 = C C 1	TILES	er te	. 101		7 4689		*[*:	E4 F48	CULTET	of mile	tiet -	******	87 406	•
-21	***	*12	321	52	11	-12	-[15	TOTAL	#56 <b>4</b> 16 <b>P</b> 13	0-2*	37 54	*6-**	7	85-49	46-100	-645	TSTAL
43	4.	54	=1	74	20			1956	:2003	٠.5	1.6	11-4	*1.4	34.4	10-2	74	1522
	:	13	35	72	15			[747	12615	3:	1.1	5.7	77.5			12	1408
	*1	62	42	74 71	71			2534	16121	-3	3.2	1*.6	*5.8	26.3	7-0	76 79	1732
	**************************************	*IF \$92	40 01 68 40 00 03 91 00 05 	"(IAS,617-EPES AND PERCENT "IF 001 013 321 37 60 86 81 40 80 81 87 45 60 81 15 46 01 88 87	-Ze 601 033 521 53 57 40 56 81 76 60 40 63 67 73 65 60 61 12 72 66 00 61 42 77	**(###################################	**(##\$\_E**1-EPE\$ #\0 PE#EE**ILES OF TE** *DE  **#################################	**(#AS.ExT-LPES AND PERCENTILES OF TE** 1712 FF #  **### ***	#[####################################	#[#AS.ExT-EPES AND PERCENTILES OF TEMP PD15 FF #F HOUR  ### \$92 \$32 \$32 \$2 12 \$76 PEAR TOTAL HOUR  ### \$94 \$4 \$6 \$1 74 70 \$5 \$2.4 \$155 13003  ### ## ## ## ## ## ## ## ## ## ## ## #	#[#AS.ExT-EPES AND PERCENTILES OF TEMP POLO F1 of Mouse PERCENTILES OF TEMP POLO F1 of Mouse PERCENTILES OF TEMP PERCENTILES DESCRIPTION OF THE PERCENTILES OF TEMP PE	#[#AS.ExT-EPES AND PERCENTILES OF TEMP FOLD #1 of hous PERCENT FAR  ### 002 052 52 52 12 0FE 0FER 1074L HOUR 0-20 37 50  ### 002 052 52 52 12 0FER 1074L HOUR 0-20 37 50  ### 004 05 05 07 07 05 07 08 1055 10503 10 1.0  ### 004 05 07 70 70 07 70-3 1255 10503 10 1.0  ### 004 05 07 70 70 07 70-3 1255 10503 10 1.0  ### 004 05 07 70 70 07 70-3 1255 10503 105	#[#AS.ExT-EPES AND PERCENTILES OF TEMP FOLD #1 AF HOUSE PERCENT FACULTY  ### \$0.2 \$1.2 \$2.1 \$2 \$1.2 \$7.6 \$7.6 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0 \$1.0	#[#AS.ExT-EPES AND PERCENTILES OF TEMP FOLD #1 AFT HOUSE PERCENT FACULTY OF BILAR  #### \$92 \$12 \$32 \$2 \$2 \$2 \$2 \$2 \$40 \$75 \$60 \$60 \$75 \$60 \$60 \$75 \$60 \$60 \$75 \$60 \$60 \$75 \$60 \$60 \$60 \$60 \$60 \$60 \$60 \$60 \$60 \$60	#[#AS.ExT-EPES AND PERCENTILES OF TEMP POLO #1 AF HOUR PERCENT FACURATE OF PELETIES HOUR PERCENT OF PELETIES HOUR PERCENT OF PELETIES HOUR D-20 37 50 65-60 77-70 80-80 37 40 55 41 70 65 80-60 1955 10507 10 11-0 11-0 01-0 11-0 01-0 01-0 01-0	#[#AS.EXT-LPES AND PERCENTILES OF TEMP FOLD #F HOUS PERCENT FACULTY OF BILATIES HUMIDITY HER DOT DISCRIPTION OF BILATIES HUMIDITY HER DOT DISCRIPTION OF BILATIES HUMIDITY HER DOS MILES AND	#[#AS.ExT-EPES AND PERCENTILES OF TEMP PDLS F1 or House PERCENT FARCULENCE OF PELATTER HUMIDITY BY WOLL HAVE BEEN BEEN BEEN BEEN BEEN BEEN BEEN BE

HOVEMBER

PERIOD: (PF1MARY) 1952-1979 (OVER-ALL) 1860-1979

TABLE 17

APEA DO'S GULF OF TEHUANTEPEC

PCT FREG OF LER TEMPFRATURE (DEG F) AND THE OCCUPALNCE OF FOG (LITHOUT PPECIPITATION)
VS AIM-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	65	69	73 76	17 80	*1	85 88	89 92	>92	101	FOG	FOG
	••			•••		••				, ,,	
17/19	.0	.0	.0	.0	•	•	•	.0		.0	- 1
14/16	.0	. 0		÷	•	•	- 1	•	9	.0	. 1
11/13	• 0	.0	•	- 1	. 3	. 1	- 1		47	.0	. 7
5/10	•0	. 5	. 1		• 2	. 1	-2	•	٠.	٠.۵	. 6
1/8	.c	. 1	. 1	. 6	.7	. 3	. 3	.0	137	.0	2.1
6	.0			. 4	. 5	. 4	.1	. 5	100		1.5
•	. 17	. 1	. 3	. •	. 0	. 7	. 4		167	٠.	2.6
4			. 5	1.0	1.4	. 8	. 1	.:	256		3.5
3	.0	. 1	. 6	1.1	1.3	. 9	•	.5	260	•0	3.5
2	• 0	. 2	. 7	2.0	2.5	1.4	- 1	.0	482	•	7.3
ì	•	. 2	1.0	2.0	3.0	1.2	•	.0	469	. 1	7.5
-	•	. 4	1.5	3.5	6.6	1.1	•	.0	.64	- 1	13.6
-1		. 2	1.0	2.8	6.4	. 6	.c		723	•	11.C
• ž		. 2	1.0	4.4	6.5	• 2	.0	•0	807	. 1	12.2
-3	• 0	. 1	. 5	3.4	4.5		.0	.0	002		4.1
-4		. 1	. 7	3.8	3.6	•	.0	.0	544	.0	6.5
-5	•	. 1	. 7	3.,	2.0	•	.3	. 5	393	.0	1.0
-6	• 5	. 2		2.1		.0	.0	.0	272	•	3.4
-7/-8	•	- 1	1.1	2.3	. 4		.0		257	.0	3.9
-9/-10	•	. 1	. 5	.5	•	.0	.0	. 5	٤u	.5	1.2
-11/-15		.2	. 3	- 1	•	.0	.0	. 0	49	• 2	. 7
-14/-10	• 1	. 1			•	.c	. 0	• C	17	•	.2
-17/-19			. 0	.0	.0	.0	.0	.0	2	.0	•
TOTAL	22		736		2798		95			21	6570
		160		2236		535		6	6591		
PCI		2.4	11.2			8.1	1.4	- 1	104-0	- 3	40.7

PERIOD: (OVER-ALL) 1963-1979

TEGLE 14

PCT FPEC OF WIND SPEED (KTS) AND DIPECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4-10	11-21	22-33	34-47	46.	PCI	1-3	4-10	11-21	22-23	34-47	46+	PCT
(1	٠.٤	1.8		.0		••	2.7		1.5	·	.0	.0	٠.٠	2.2
1-2	.5	4.5	1.3		.0	.0	6.3	.2	2.4		•	٠.	.0	3.3
3-4	::	2.1	3.3		•0		6.3	::	2.0	2.5	-5	.5	÷.	5.1
5-6		*:5	3.3	1.3		.0	5.3	:6		2.1	.6	.2	.0	3.1
7														
8-9	.0	• 2	1.6	2.1		•1	4.8	•0		••	1.6	• 4	•	2.4
	•0	. 3	. 9	1.3	• 5	. 1	3.2	•0	ب	• 3	• •	• 2	٠,	1.1
10-11	•0	•0	• 1	1.1	• 1	.0	1.3	.0	.0	• 1	. 7	-1	٠.	. 9
12	•0	.0	• 2	.5	• 3	•0	1.0	•0	. 3		• •	•1	٠.	.5
13-16	•0	.0	• 0	. 4	• 3	.0	. 7	•0	• C	• •	•2	. 4	٠.	. 5
17-19	•0	.0	٠.	.1	• 2	.0		•0	.0	•0	.0	. 1	٦.	. 1
50-55	•0	.0	٠.0	.0	. 1	•	• 1	•0	•0	.5	.0	. 1	•	. 1
23-25	.0	.0	•0	.0	• 1	.0	• 1	•0	٠.	.0	.0	•C	.0	•c
26-32	.0	.0	.0	٠.	• 2	•	• 1	•0		• 0	٠.	•0		•
33-4C	.0	.0	.0	.0	.0	,0	.0	•0	د ـ	٠.	.0	.0	.6	.0
41-48	•0	.0	٠.	.0	.0	:0	.0	•0	٠.	.0		.0	٠.	.,
49-60	•0	.0	.0	.0	.0	٠.	•0	•0	.0	-0	.0		.0	• 5
£1-70	.0	.0	.0	.0	.0	-0	•0	.0		.0	.0	.0	٠.	.0
71-86	.0	.0	.0	. C	.0	.0	.0	.0		٠,٠	.0	.0		.0
87*	•0	.0	. 6	.0	ŏ		.0			.0	.0	.0	, č	.5
TOT PCT	1.3	9.5	11.0	7.7	2.4	.3	32.2	.5		6.4	3.8	1.6		19.4
				£							SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22+33	34-47	46.	PCT
<1	. 5	1.1	. C	22-33	.0	•0	1.6	• 1	4-10 -1		22+33	.0		. 3
<1 1-2	.5	1.1	. C	22-33	.0	.0	1.6	.1	.1	.0	22-33 .0 .ć	.0	3.	. 3
(1 1-2 3-4	.5	1.1	.C	.0 .0	•0	.0	1.6 2.7 1.7	•1 •1	.1	.0	22+33 •0 •¢	.0	3. u. 3.	.3
<1 1-2 3-4 5-6	.5 .5 .1	1.1 1.8 .5	.C .4 1.2	22-33 .0 .0 .0	.0 .0	.0 .0	1.6 2.7 1.7 1.C	•1	.1 .1	.c .? .1	22-33 .0 .6 .0	.0	3.	.3 .9 .3
(1 1-2 3-4 5-6 7	.5 .1 .1	1.1 1.8 .5 .2	1.2	22-33 .0 .0 .0	.0	.0	1.6 2.7 1.7 1.C	•1 •1 •0	-1 -0 -1	.c .? .1	22-33 .0 .0 .0	.0	.0	.3 .9 .3
(1 1-2 3-4 5-6 7 8-9	.5 .1 .1 .0	1.1 1.8 .5 .2 .1	.C .4 1.2	22-33 .0 .0 .0 .0	.00	.0	1.6 2.7 1.7 1.C	.1 .1 .0	-1 -1 -1	.0 .1 .1	22-33 .0 .0 .0 .0	.00000		.3 .9 .3 .1
(1 1-2 3-4 5-6 7 8-9 10-11	.5 .5 .1 .0 .0	1.1 1.8 .5 .2 .1	1.2 .6 .4	22-33	.0	.0	1.6 2.7 1.7 1.C .7	•1 •1 •0 •0 •0	-1 -1 -1 -0	.0	22-33 .0 .0 .0 .0	.00.00	.0.0	.3 .9 .3 .1
C1 1-2 3-4 5-6 7 8-9 10-11	.5	1.1 1.8 .5 .2 .1	1.2 .6 .4	22-33 .0 .0 .0 .0	.00	.0	1.6 2.7 1.7 1.C	•1 •1 •0 •0	.1	.0	22-33	.00000		.3
C1 1-2 3-4 5-6 7 8-9 10-11 12 13-16	.5.5.1	1.1 1.8 .5 .2 .1 .0	1.2 .6 .4	22-33 .0 .0 .0 .1 .2 .1	.0	.0	1.6 2.7 1.7 1.C .7 .1	•1 •1 •0 •0 •0	.1	.0	22+33	.0		.3 .9 .3 .1
C1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19	.5	1.1 1.8 .5 .2 .1 .0	1.2 .6 .4	22-33 .0 .0 .0 .1 .2 .3	.0	.0	1.6 2.7 1.7 1.C .7 .1	•1 •1 •0 •0	.1	.0	22-33	.00000000000000000000000000000000000000		.3
<pre>&lt;1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22</pre>	.5.5.1	1.1 1.8 .5 .2 .1 .0	1.7 .6 .4 .1	22-33 .0 .0 .0 .1 .2 .1	.0	.00.00	1.6 2.7 1.7 1.C .7 .1	•1 •1 •0 •0 •0	.1	.0	22+33	.0		.3
C1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25	.5.5.1	1.1 1.8 .5 .2 .1 .0 .0	1.2	22-33 .0 .0 .0 .0 .1 .2 .1	.0	.0.0.0	1.6 2.7 1.7 1.C .7 .1	•1 •0 •0 •0 •0	.1	.0	22-33	.0		.3 .9 .3 .1 .0 .0
1 1-2 3-4 5-6 7 6-9 10-11 12 13-16 17-19 20-22 23-25 26-32	.5	1.1	1.2	22-33	.0	.0 .0 .0 .0 .0 .0 .0 .0	1.6 2.7 1.7 1.C .7 .1 .1	•1 •1 •0 •0 •0 •0 •0 •0 •0 •0 •0 •0 •0 •0 •0	.1	.0	22-33	.00000000000000000000000000000000000000		.1 .0 .0 .0
C1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25	.5	1.1	1.2	22-33 .0 .0 .0 .1 .2 .1 .0 .0	.0	.00.00.00.00.00.00	1.6 2.7 1.7 1.0 .1 .1 	.1 .0 .0 .0 .0	.1		22-33		000000000000000000000000000000000000000	3 · 9 3 · 1 · 0 · 0 · 0 · 0 · 0 · 0 · 0 · 0 · 0
1 1-2 3-4 5-6 7 6-9 10-11 12 13-16 17-19 20-22 23-25 26-32	.5.110000000000000000000000000000000000	1.1	1.2	22-33	.0000		1.6 2.7 1.7 1.0 .7 .1 	.1	.1		22-33		0300000000000000	
C1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40	.5	1.1	1.2	22-33	.00000000000000000000000000000000000000		1.6 2.7 1.7 1.0 .7 .1 	.1			22-33		030000000000000	393100000000000000000000000000000000000
1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 23-25 23-25 26-32 33-40 41-48	.5	1.1	1.2	22-33			1.6 7.7 1.7 1.0 .7 .1 .0 .0	.1		.0	22-33		030000000000000000000000000000000000000	393100000000000000000000000000000000000
C1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 41-48 49-60 61-70	.5.11.00.00.00.00.00.00.00.00.00.00.00.00.	1.1 1.8 .5 .2 .0 .0 .0 .0 .0	.C .% 1.2	22-33 .0 .0 .0 .1 .2 .1 .0 .0 .0 .0 .0 .0			1.6 7.7 1.7 1.0 .7 .1 .0 .0 .0	*1 *1 *0 *0 *0 *0 *0 *0 *0 *0 *0 *0 *0 *0 *0	.1	.0	22-33 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0			3951010000000000000000000000000000000000
C1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 41-48 49-60	.5.1.10.00.00.00.00.00.00.00.00	1.1 1.8 .5 .2 .1 .0 .0 .0 .0	1.2 .6 .4 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	22-33 .0 .0 .0 .1 .2 .3 .0 .0 .0 .0 .0	.00000000000000000000000000000000000000		1.6 7.7 1.7 1.0 .7 .1 .0 .0	.1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.1	.00.00.00.00.00.00.00.00.00.00.00.00.00	22-33			100000000000000000000000000000000000000

PtP10v:	(OVL)	?-1LL)	1453-1	419					NOVEMBLA	ì			AREA	C'OE 14.		F TEHUANTEPEC
				PC	I FPEC	OF 4147	SPEED	(415)	AND DIREC	tton v	LASUS S	EA HE16	NTS (FI	1		
461 <1	1-3	4-10 .3	11-21	\$ 22-33 .0	34-47	***	PC1		1-3	4-10	11-21	22-33 .0	34-47	•8•	PC 1	
1-2 2-4 5-6	.0 .1	.5		.0 .0	.0 .0	.0	٠.		.1 .0 .0	1.3	::	.1	.0	.0	1.6	
#-9 10-11 12	0.0		.0	.: 3.	0.0	.0	•1 •0		.0	 	•1 •0	.: .1 .1	.0	٥. ٥.	.1	
13-16 17-15 20-22	0. 0.	0. 0.	3.	.0	.0	.0	.0		.0		0.0	.0 .0	.0	. o	.o.	
23-25 26-32 33-40 41-45	.0 .0	.0	3. 0. 0.	.0	.0 .0	.0	0. 0. 0.		.0	.0 0.0	.0 .0	0. 0. 0.	.0 .0	.0.0	.0 .0	
40-60 61-70 71-86	.0 .0	.0	.0 .0	.0 .0	.0	•0	.0		.0	.3	.0	.0	.0	. c	.0	
87+ 101 PC1	.0	1.0	•3	.0	• 6	.0	1.4		.5	.6 ?.7	.6	• 5	•	.0	4:i	
H51 <1_	1-3	4-1C 1.2	11-21	22-35	34-47	46+	PC1		1-3	4-13 2.0	11-21	22-33	34-47	48.	PCT 2.7	PCT
1 - 7 3 - 4 5 - 5 7	.1 .0	2.6	.3	.0 .0	.0 .0 .0	.0	3.6 1.4 .3		.8 .0 .0	2.0	1.2	.0	.0	.ŭ	6.1 3.6 1.2 1.5	
7-9 10-11 12 13-16	.0	.0	.0	1. 0. 0.	0. 0. 0.	.0 .0	.0		•0	.0	.1	.1	.? .1 .0	.0	.8	
17-19 20-22 23-25	.0	.000	.a .a	.0 .0	.0	.000	.0		.00	.0	0. 0.		•1 •0 •0	.c .c .c	.1 .0 .0	
26-32 33-40 41-46 46-60	.0	.0	0. 0. 0.	.0 .0 .0	.0 .0	.0 .0	.0 .0		.0 .0		.0 .0	.0 .0	.00	.0	0. 0. 0.	
61-7C 71-86 97- 101 PC1	.0 .0 .0	•0 •0 •0	.0 .0 .0	0. 0. 0.	.0.0	.c .c	7.5		.0 .0	.0 .0 .0	.0 .0 3.7	.0 .0 .0	.0	.c	.0 .3 .9	90.5

CONTROL CONTRO

WIND SPEED (KTS) VS SEA HEIGHT (PT)

HGT	2-3	4-10	11-21	22-33	34-47	484	PCT	TOT
<1	13.8	4.8	.1	.c	٠٠	.0	22.7	240
1-2	3.5	18.9	3.2	.1	.0	ě	25.7	
3-4	.4	7.9	4.9	1.7	•0	.0	18.9	
5-6	.1	1.5	6.9	2.2	- 3	٠,	11.0	
7	٠.	.5	3.6	3.7	1.4	- 1	9.5	
8-9	.0	. 3	1.6	2.5	. 9	- 1	5.4	
10-11	.0	.0	. 4	2.0	• 3	. 5	2.7	
12	.0	.0	• 2	. 8	.5	.0	1.7	
13-16	•0	•0	نا ٠	.6	- 6	.0	1.5	
17-19	•0	.0	٠.	. 1	- 2	. C	.4	
20-22	• 0	.0	.0	.0	• 2	• 1	+2	
23-25	•0	-0	.0	•0	- 1	٠.	• 1	
26-32	•5	.0		.0	- 1	- 1	• 1	
33-43	-0	.0	.0	۰0	•0	.c	-0	
41-48	•0	.0	٥.	.0	٠.	.0	.0	
49-60	-0	.0	.0		٠,٠	-0	•0	
61-70	•0	.0	.0	.0	.c	• 0	.0	
71-86		•0	.0	•¢	٠.٤	.0	.0	
87 *	•0	.0	٥.		. 6	-0	• 0	
								1617

PEPIGD: (OVER-ALL) 1949-1979

TABLE 19

PEPCENT FREQUENCY OF WAVE MEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SLC)	<1	1-2	3-4	5-6	7	4-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-40	61-70	71-86	67+	TOTAL	ME AN HGT
< 5	> 3	12.8	11.4	5.7	2.5	1.3	.7	. 3	4	. 2	. 0	.0	.0	.0	.0	.0	.0	.0	.0	2154	3
6 - 7	.1	2.2	6.6	7.4	4.1	2.8	1.6		. 9	• 1	.2		•	.0	.0	.0	.0	.0	.0	1431	6
1-3	• 1	. 7	1.6	2.1	2.6	1.6	1.1	.5	. 9	. 2	. 1	. 1	. 1		.0	.0	.0	.0	٠.	629	7
: 3-11	.0	.5	. 5	. 8	. 8	.6	•6	. 4	. 4	. 1	.1	.0	. 1		.0	.0	.0	-0	٠.	261	8
12-13	.0	.5	.5		• 3	. 3	.2	• 2		- 1		.0	.0	.0	.0	.0	.0	.0	.0	121	
>13	.0	.0	.0	- 1	• 3	• 1	+2	. 3	- 1	. 1		•	•	.0	.6	.0	.0	• 0	.0	49	10
INDET	7.7	.9	1.9	. 9	.6	. 7	- 1	- 1	•	•	•			٠.	٠.0	.0	.0	.0	.0	676	2
TOTAL	760	937	1204	927	601	375	237	125	156	39	24	16	10	3	C	. 0	0	5	0	5323	5

PEF100:	(POIMARY)	1952-1979
	IOVER-ALL)	1861-1979

では、一般では、これでは、1900年に、1900年に

TAGLE 1

AREA OU'F GULF OF TEHUANTEFEC

PERCENT	FREQUENCY	Q.F	of ATRES	OCCUMPENCE	4 4	LIMP	0194 C114	

			F	RECIPI	IATIC	1400					GTHER	*LATH( *	PHENO	MENA	
AND DIS	RAIN	RAIN Shur	CRZL	PCPN	5406	OTHER FRZN FLPN	MAIL	PCPN AT OB TIME	PCPY PAST HOUR	THOR LING	FOG O PCPN	FOG WC PCPA PAST HE	SPORE MAZE	SPPAY BLAG DUST FLAG SKOW	
	.:	٠.	. 1	.0	.0	• 0	٠.	.2	.5	.5			1.6		96.9
*6	.0	•c	.0	.0	.0	.0	- C	-0	• 2		. 5	٠.	1.6		96.7
£	• 2	.0	. 0	•0	.0	.0	.0	• 2	. 5			٠.	1.2	.1	96.0
5 E	٠.	.6	. 6	- 0	.0	.0	. ć	1.2	. 8		1.4	. ?		.0	34.6
\$	.+	. 0		.0	•0		.0	1.9	.с	. 5	. 9		1.6	.0	95.1
S.	1.1	.0		• 0	• C			1.1	• 1	. 6	1.1	• 4	2.4	1	64.6
•	. 2	.2			. 0	ناه.	.0		• 2		. 2	.2	1.2	•••	92.4
N.	•	- 1	٠.	.0	٠.		• 2	. 1	.0	1.6	. 4		1.3		97.1
VAR	• C	.0	.0	.0	.0	-0	.0	• 6	.0	.0	. 0		.0	.a	
CALM	٠.	-1	٠.	. 5	.0	• C	·¢	. 1	.2		2.7	.1	2.4	.6	03.4
101 06'	.1 .013	• 2	. 1	•0	•0	• 5	••	. 3	•1	.6	. 7	.1	1.5	. 3	96.4

TABLE 2

#### PERCENT FREQUENCY OF MEATHER CCCURRENCE BY HOUR

			•	RECIPI	OITAT	3 TYPE					OINER	* PETHE 2	PHENO	PENA	
HOUR (GPT)	RAIN	FAIN SHER	DRZŁ	FRZG PCPN	540.	OTHEK FPZN FCPN	HAIL	PCPY AT 03 TIME	PCPN PAST HOUP	IHOR LING	F05 W0 PCPW	FOS EC PEPA PAST HP	SPOPE HAZE	SPRAY PLHG DUST PLHG SSON	NG SIG WEA
CCCC3 G6CC0 12615	.0 .1 .2	•1 •1	.1 .2 .0	.0 .0	.o .u	.0	.c .c	.2	.1 .3 .2	.1 1.6 .6	.5 .4 1.0	.e .1	1.9 1.5 1.5	 .1 .1	97.C 95.U 96.3
18621 101 PCT	.2	.c	.0	.0	۰۰	٠٥	.0	.?	.1	.8	. 0	.1	1.5	.3	96.7

TABLE 3

#### PERCENTAGE PREQUENCY OF "IND DIPECTION BY SPEED AND BY HOUR

END DIR	0-3		D SPEE 11-21		34-47	*5*	ICTAL OBS	PCT FREQ	MEAN SPO	co	03	06	HQUP 09	(GPT) 12	15	18	21
Α.	2.6	10.7	9,0	7.2	2.5	. 4		33.1	16.6	33.0	34.2	28.6	33.0	32.5	36.4	36.2	39.9
NE	1.7	7.0	6.0	4.5	1.1	.2		20.4	15.8	41.3		19.7	22.5			21.4	19.7
ε	1.0	* . 2	1.9	. 7	- 1	• 3		7.9	:0.4	6.8	6.8	8.9	6.4	7.7	9.1	8.3	7.5
SF	.6	1.5	.:	•	.0	.0		2.4	6.3	2.3	1.8	2.4	1.5	2.0	1.3	2.8	2.6
\$	. 7	1.4	+2	•	•	.0		2.3	6.2	2.9	4.7	2.0	3.0	1.5	2.1	2.7	. 9
\$w	.5	1.7	- 3	•	•	• 0		3.5	7.0	4.0	2.0	2.7	2.7	2.2	1.5	1.7	1.3
-	1.3	3.0	. 7	-1	•	.0		• • •	6.6	1.5	6.3	6.6	3.3	5.3	4.2	4.6	4.2
N=	1.0	7.7	3.2	1.2	-2	. 1		14.5	10.7	12.3	9.7	13.7	16.9	15.6	17.1	15.7	15.9
YAR	.0	٠,	• 3	.0	.0	•0		٠Ç	. 3	.0	.0	.0	.0	.0	.0	.0	.0
CALM	10.8							10.5	.0	9.3	9.0	15.0	8.9	14.9	5.1	6.6	8.0
101 065	1506	2717	1579	980	289	47	7118		12.C	1607	111	1523	169	1429	195	191C	174
TOT PCT	21.2	36.5	22.2	13.8	4.1	. 7		100.0		150.0	100.0	100.0	100.C	100.0	100.0	100-0	100.0

TABLE 3A

		LIND	SPEED	INNOTSI						HOL		,
FUD DIS	3-6	7-16	17-27	28-40	41 .	TOTAL	PCT	MEAN	20	06	12	16
						ORS	FREC	SPD	03	C9	:5	21
N	7.7	10.6	8.6	5.1	. 9		33.1	16.6	33.1	29.1	33.0	36.5
۸E	4.9	7.1	5.2	2.9	. 4		20.4	15.8	21.4	19.9	19.0	21.2
ε	3.2	3.5		. 4	•		7.9	10.4	6.8	4.4	7.9	8.2
SE	1.5	. 8	. 1	•	.5		2.4	6.3	2.3	2.6	1.9	2.4
5	1.5	.7		•	. 0		2.3	6.2	3.3	2.1	1.5	2.5
Sh	1.5	1.0			•		2.6	7.0	3.7	2.7	2.1	1.7
¥	3.5	2.1	. 1	•	.0		6.0	6.6	6.1	6.3	5.2	4.5
N.	6.0	5.6	2.0	.7	.1		14.5	10.7	12.2	14.0	15.7	15.7
VAR	.0	.0	.0		.0		.0	•0			.0	
CALH	10.6						10.6		9.3	14.4	13.7	6.8
TOT OPS	2908	2253	1202	652	103	7118		12.0	1716	1692	1624	2084
TOT PCT	40.9	31.7	16.9	6.7	1.4		200.0			100.0		

DECEMBER

PEPICU: (PRIMARY) 1957-1574 10469-468) 1861-1979

TABLE 4

AREA DOME GULF OF TEHUANSEPEC

PERCENTAGE	FREDUÉNEY	OF	UTNO	SPEED	4. Y	HOUR	CCM11	

				+1NO	SPEED (	KN0151			PCI	TOTAL
HEUH	CALM	1-5	4-10	11-21	22-33	\$4-47	48*	*EAN	FREG	280
00603	4.3	10.3	39.1	22.0	13.5	4.0	1.0	12.2	100.0	1718
90340	14.4	10.3	37.8	19.0	17.5	4.5	. 1	11.4	100.0	1692
12615	13.7	10.5	38.1	21.1	12.6	3.7	. 5	11.5	100.0	1624
14421	6.6	13.5	37.8	24.0	15.7	4.2	. 5	12.6	100.0	2084
101	768	736	2717	1579	980	289	47	12.0		7118
001	10.8	10.4	34.2	22.2	15.8	4.1	. 7		100.0	

TAPLE 5

TABLE 6

4	CT FRE			CLOUD A		EIGHTHS)		1					CEILIN NH CS/					
WND 01P	0-2	5-4	5-7		TOTAL	MEAN CL JUC	coo	150	300	660	1000	2066	3500	SOOT		*000	5H <5/6	TSTAL
	•	•	• .	cosco	280	COVER	149	299	599	999	1999	3499	4945	6494	7999		ANY HGT	
Ν.	24.5	4.4	3.3	.6		1.6		•с	• 1	.2	. 4	. 4	. 1	. 1			31.5	
NΕ	14.3	3.2	2.4	- 3		1.7	•	.0	•	- 1	•2	.?	- 1	•	- 1	- 1	19.2	
č	4.7	1.5	1.3	• 2		2.3	- 1	.0	•	.2	• 2	. 1	. 1	. 1	•		6.9	
SE	1.5	.5	. 5	. 1		2.5	•0	• 0	•0		.1	. 1	•	. 0	•		2 - 3	
Š	1.3	.4	.5	•		2.5	.0			. 1	. 1	.0			.0	.0	2.1	
S	1.6		. 3	.1		2.2	٠.	. 5	•	•	•	. 1	. C		•		2.4	
	4.2	1.2	. 1	-1		1.9	•	.0		•	. 1	. 1	. 1	•	.0	•	5.6	
No	10.5	2.1	1.1	. 3		1.0	•	.0	•	.1	.1	. 1	• 1		•0	•	13.9	
YAR	.0					•0	•c		• 0	.0	.0	.0	.0	7.	.0	.0	•0	
CAL-	8.6	1.4	. 9	• 2		1.9	.1	•	•	.1	• 1	.1	•	9.0	.0		10.6	
101 085	3912	449	549		5452	1.7	16	1	2.3	48	40	57	32	14	12	13	5106	5452
TOT PCT	71.6	15.6	13.8		136.0	•••	. 3		. 2	. 9	1.5	1.0		. 3	.2	.2		100.0

. . . . .

### CUMULATIVE PCT FREC OF SIPULTANEOUS OCCURRENCE OF CEILING HEIGHT (SH DAZA) AND VSRY (MM)

					VSBY INF	1)			
CE	11.146	2 OR	= CR	= OR	= OR	: 0£	= OR	= 0%	= 0R
(FE	(13	>10	>5	>2	>1	>1/2	>1/4	>5640	90
: OR :	6500	. 4	.4	.4	.4		.4	. 4	. 4
2 OF 3	5000	. 7	.7	. 1	.7	.7	. 7	. 7	. 7
= OR 2	3500	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3
= OR 2	2000	2 - 1	2 - 3	2.3	2.3	2.3	2.3	2.3	2.5
= OF :	1000	3.4	3.7	3.4	3.9	3.9	3.9	3.9	3.9
= 0A :	000 ×	4.1	4.6	4.7	4.7	4.7	4.7	4.7	4.7
= CR :	300	4.5	4.8	4.9	5.5	5.6	5.0	3.0	5.0
= CR	2150	4.3	4.9	5.0	5.0	5.C	5.0	5.0	5.0
: OH :	> t,	4.4	5.0	5.1	5.2	5.2	5.2	5.3	5.3
. 1	CTAL	746	240	287	288	286	293	296	294

TOTAL NUMBER OF NEST 5556

CT FRED WH 15/8: 94.

.4816 \*\*

#### PERCENTAGE THES OF FUN CLOUDS (EIGHTHS)

1 2 2 5 6 7 e OBSCD OBSC

١.	C٤	-	70	

E-10D:	(PP[MART) 1 (OVER-ALE) 1							TAF	PL( #				ARL		60LF .1%	OF TEHUANTEPEC
			P	ERCENT						URREYCE ALUES C			URHENCI Y	. OF		
	7587 (M)		*	40	ε	SE	\$	S¥	•	44	410	CAL	PCT	1011L		
		PCP NO FCP TOT %	•0	• 0	.0	.0	.c	.c	o.	.5	o. 0.	•5	.0 .2 .2			
	1/20	PCP 1 NO PCP	.c	.0	.0	.0	.0	.0	٥.	.0	.0	.0	.0			
		FOF 1	.0	.c	•	.0	.0	.0	٥.	.0	.0	.0	•1 •C			
	145	NO PCP	:5	:	:5	.0	:5	.0	.t	.0 .5	:0	:	:			
	2(5	PCP NO PCP TOT .	.1	.c	.0	••	:	:	.0	.5	.0	•:	. 2			
	\$<10	PCP NO PCP TOT 1	2.3 2.3	.0 1.5 1.5	.0 .6	.2	•2	.0 .2 .2	.3	.7	?. ?.	.6 .6	6.4 6.5			
	10+	PCF NO PCP TOT 3	30.5 30.5	.0 15.5 12.6	7.2 7.3	2.2 2.3	2.2	2.4 2.4	\$.8 \$.8	13.7 13.7	.e .e	9.9	•1 92.7 92.9			
		101 OLS				٠.			4.1			10.7	100-0	65:9		

TABLE 9

			,						VS 61'		€D		
788Y	SPO KTS	*	٧E	£	se	s	\$.	4	Ne	PAR	CALM	PÇÎ	IDIAL
	0-3	•	.5	•0	.0	.0	.0	.0		•0	. 1	.2	
<1/2	4-10	•	.0	.0	•0	•	.5	.0	•	.0		. 1	
	11-21	•	•	•	.0	.0	٠.٥	.0	.0	٠.5		- 1	
	22.	•	٠.	.0	. 3	.0	-0	-0	.0	٠.0		•	
	101 1	•1	•	•	.0	•	٠.	.0	•	•0	- 1	. 3	
	9-3	.0	.3	.c	.0	.0	.0	.0	.5	٠.		•	
1/2<1	4-10	•	٠.	.0	.0	.0	.0	.0		٠.		•	
	11-21	.0	.0	.0	.0	.0	.0	.0	.0	.0		. 3	
	27.			•	.0	.0	.0	٠.	.0	.0		•	
	101 1	٠	•	•	•0	.5	•0	•0	•	٠.	•	- 1	
	0- t	.0	.,	-0	. ^	•0	. 0	.0	.0	.0	•	•	
142	4-10	•	•	•	• •	.0	-0	.0	.0	-0		•	
	11-21	.0	-0	٠.	.0	.0	. 0	.5	٠.	.0		. 5	
	22+	.0	•	•c	٠.	.0	. 3	.0	-0	٠٥.		•	
	TOT &	•	•	•	.0	.0	. U	•0	.0	•0	•	- 1	
	0-3	•	.5	• 2	.0	•	•	.0	.0	.0	. 1	- 1	
2<5	4+10	.0	•	٠٤	•	.0	•			-0		- 1	
	11-21	•		•	.0	•	•	•	٠.	٠.		• 1	
	22*	.2	. 1	-0	.0	.0	• 0	٠٥.	•	٠.		. 3	
	101 1	•2	-1	•	•	•	•	•	-1	.0	•1	. 6	
	6-3	•2	•2	. 1	. 1	. 1	. 1	. 1	. 1	.0	.6	1.5	
5410	4-10	.5		. 4	- 1	- 1	- 1	.2	. 3	.0		1.9	
	11-21	.3	•2	- 1	•	•	•	•	- 1	.0		. 6	
	22.	1.2	.7	-1	-0	.0	-0	.0	. 1	.0		2.1	
	101 %	2.2	1.4	•6	•2	•\$	-2	. 3	• •	.0	. 6	6.3	
	0-3	2.3	1.5	1.0	. 5	.7	.4	1.2	1.8	.0	9.9	19.3	
10.	4-10	10.2	5.7	3 - 8	1.4	1.3	1.7	3.4	7.4	•0		36.2	
	11-21	9.4	5.7	1.7	•2	-1	. 3	. 6	3.1	.0		21.1	
	22.	8.7	5.0	. 6	•	•	•	• 1	1.4	-0		16-0	
	101 1	30.4	18.4	7.2	2.2	2.1	2.4	5.7	13.6	.0	6.9	92.7	
	TOT CB\$												6916
	TAT PET	11.7	20-4	7 - 9	2.4	2.3	2-6	A . I.	14.3	-0	10.4	100-6	

DECEMBER

:001934	(PRIMARY)	1957-1979
	COVER-ALL V	1841-1070

TABLE 10

AREA COCS GULF OF TEMUANTEPEC

ERCEN"	FREGUENCY	OF	CEILING	HEIGHTS	EFEET.NH	24/81	AND

					•								
HUUR (6*1)	070	150 299								\$100+	TOTAL	NH C5/6 ANY MGT	
20003	. 1	•0	٠.	. 7	1.8	.0	. ŧ	• 2	.2	. 3	5.2	94.6	1508
36503	. 3	.0	- 5		1.0	. 7	.5	. 5	. 3		4.5	91.5	1321
1.415	. 3	•1	. 3	1.5	1.8	1.1		.4	.1	.2	6.5	93.5	1363
1+421	.4	.0	••		1.2	1.2	.4	.2	•2	•0	4.2	95.8	1626
101	16	1	14	45	. 84	57	33	10	12	13	294	5124	5818

TABLE 11

PEPCENT FREGUENCY YSBY ENT: \*\* HOUD

			TABLE	17		
CUMULAT					YSRY (NH) 1,8Y HOUR	AND/OR
HOUR	<150	(630	<1000	1000-	NH 45/4	TOTAL
(GHT)	<50YD	<1	C\$	**05*	AND S.	GBS
20623	-1	.4	1.7	*•2	94.1	1446
06609	• 3	• 6	2.1	3.2	. 4.7	1268
12615	. 4	.8	3.1	4.3	42.7	1309
16621	.5	. 7	1.5	3.3	95.3	1561
101	18	36	113	269	5262	5584
PCT	. 3		2.0	3.7	94.2	100.0

1/8LE 14 TABLE 13

446 4568 7090 6.3 92.6 100.0

	PERCE	LI FR	EQUENC	OF P	LLATIV	E HURI	DITY B'	TEMP				PERC	ENT FR	CUENC	r CF W	IND OF	RECTIO	N B1 II	LMP	
TEMP F	r-50	30-39	40-49	50-59	60-69	70-79	80-89	90-100	TOTAL	PC1 FREQ	•	NE	Ł	SE	s	Sh	•	**	/AP	C. =
90/94	.0	.2	.3	. 1	.2	-1			23	.4	- 1	.1	. 1	٠.	.0	.c	•	. 1	.0	•
65/89	.0	.0	- 1	. 4	1.6	2.6	•:	. 1	292	5.3	1.5	1.0	.5	-2	•2	• 2	.5	. 8	. 0	. 5
80/84	.0		- 1	.4	5.6	19.4	13.4	2.5	2307	42.0	11.3	7.4	3.6	1.5	1.1	1.3	3.6	7.0	•0	:.0
75/79	.0	.0	- 1	. 5	2.4	13.5	15.9	7.4	2187	39.8	14.1	6.6	2.9	. 6	.9	. 9	1.5	5.3	٠.5	4.6
70/74	.0	.9	• 3	. 1	. 9	3.6	4.3	2.4	644	11.7	5.3	3.3	. 5	.2	•2	- 1	• • •	1.1	.0	. 9
65/69	•0	.3	40	.0	- 1	.2	. 4	• 2	43	. 8		• 2	•	٠.	.0	• C	•0	. 1	-0	•0
TOTAL	0	1	14	154	592	2161	1961	719	5496	100.0										
PCI	.0	•	• 3	2.0	10.8	30.3	34-6	13.1			25.0	20.5	7.8	2.4	2.3	2.5	6.5	14.3		11.0

				TA	BLE 15									TABLE	16			
	wE145.	EXTREM	ES AND	PERCL	TILES	F TE	P IDE	CFIB	AUDH A		PERC	ENT FRE	CUENCY	OF PELP	TIVE H	41011Y	BY HOUR	ŧ
HOUR	~A.X	992	952	501	51	12	-IN	MEAN	TOTAL	HOUA	0-29	30-59	66-69	71-79	80-89	90-100	HEAL	TOTAL
(6M1) CULU3			24	60	73	70	63	79.3	065 1751	00003	•0	1.7	13.5	44.0	31.3	+.4	78	085 1445
66666		• •	82	7.5	15	69	65	77.9	1725	06609 12615	•0	1.6	6.1	34.4	39.6	18.3	81 82	1311
12615		90	82 87	76 61	72 73	6 B	66 66	77.5	1662 2108	12215	.c	3.9	16.5	4 , 1	27.1	7.4	76	1558
101	44	6.6	65	79	72	69	63	74.9	7246	101	ū	125	647	2214	1957	742	79	5649

PAGE 228

DECEMBER

PERIOD: (PRIMARY) 1952-1974 (OVER-ALL) 1861-1979

146LE 17

AREA COME GULF OF TEMUANTEREC

PCT FREG OF JIP TEMPLASTURE COLG F) AND THE CECUPARNEE OF FOR (WITHOUT PRECIPITATION)
VS AIR-STA TEMPERATURE DIFFERENCE (OEG F)

AIR-SEA	65	6.9	73	77	<b>51</b>	65	49	>92	101		-0
THP SIF	65	72	7 €	60	64	f b	45			FCS	FCG
17/19	.0	.0	٠.(	٠.	•		. 2	• 0	2		•
14/16	• 3	٠.	.0	•	. 1	. :	•	.0	13	.5	. 2
11/13	.0	.0	• 0	•	. 2	٠.١	- 1	•	24	٠.	. 5
9/13	.0	•	- 1	. 3	. 3	. 1	- 1	.c	+ 0	.0	1.5
7/6	.0	. 0	. 2	.5	· t	. *	. 1	•	113	•	1.0
t	• 0	•	. 4	.5	. 4	. 1	. 1	.0	20€	•	1.7
5	٠.	. 1	. 5	1.0		. 4	. 1	٠.	191	•	3.1
4	٠.	• 2		1.2	1.1	. 5	- 1	••	235	•	3.0
3	- 0	- 1		1.2	1.2	. 7	•	- 0	251	•	4.1
2	.1	. 4	1.6	2.6	2.5	. 7	.0	••	445	- 1	7.1
1	•	. 3	1.0	2.4	2.5	. 6	.0		458	- 1	7.3
*	•	. 6	2.1	4.6	5.4	. 4	٠.	•.	978	. 1	13.0
-1		. 3	1.5	3.8	4.4	. 2		٠.	635	. 1	10.2
	- 1		3.4	5.6	3.9	• 1	.0	.c	711	. 1	11
-3	- 1	• 2	1.7	4.1	7.8	. 1	• 0	٠.٥	514	•	
	.1	• 2	1.6	5.1	1.6	•	.0	٠.	535	•	5.7
-5	.0	. 3	1.7	3.3	1.1	٠.	.0	٠.	357	•	5.0
- i	.0	.2	1.1	2.0	. 3	.0	٠.	٠.	211	.0	3.~
-7/-6	•	. •	1.0	2 - 1	. 2		.0	. 3	263	•	4.6
-9/-10	. 1	- 3	1.1	.5		.0	.0	. 2	124	.0	2.5
-11/-15	• 1	. 3	. 3		. c	. 5	-0	. 0	52	.0	
-14/-16	.1	- 1		.0	.c	.0	.0	.0	11	.0	. 2
-17/-19	•	. 5	3.	. 5	٠.		.0	.0	1	٠.	•
TOTAL	43		1197		14.		41			47	(101
		272		2462	- ••	314	-	3	6148		
PCI	.7	4.4	10.4		29.€	5.1	.7	•	160.0	- 8	14.2

PERIOD: 10469-ALL) 1963-1979

TAPL" 10

				₽C	I FREC O	F WIND	SPEED	KIS) AND DIRE	1107 A	ERSUS S	EY HEIG	MIS (51)		
											N.			
HGT	1-3	9-10	11-21	22-33	34-47	48+	PCI	1-3	4-1-	11-21	22-33	47	48.	**
G.	1.7	1.6	.0	0.0	.0	-0	3.3	. 7	1.1		.,	3.	٠.٠	1.
1-2	7	5.6	1.1	3.	•0	.5	7.3	.4	4.0	. 7	.0	.0		5.1
3-4	. 1	2.1	3.6	.8		.0	5.9	.1	1.4	1.6	. 5	•e	٠.	3.0
5-6	.0		2.6	1.3		.0	•.•	.0		1.7	1.0	- 1	٠.	3.1
7	.0	.0	1.0	1.9	• 3	.0	3.2	.с	•	1.3	1.6	. 2	٠.	3.0
4-4	.0	. 1		1.0	.5	.1	2.5	•0	. 1		1.1	-2	.5	1.5
10-11	.0	-0	- 1	1.2	.6	.0	1.9	.0	٠.	.:	.5	. 3	٦.	. 8
12	•0	-0	-0	. 5	- 3	•0	.7	.0		•*	. 3	• 2	.0	. 5
13-16	.0	.0	- 1	٠.5	. 8	•2	1.6	.0	.c	.0	•\$	• 5	• 1	1.0
17-19	.c	-0	.0	•2	.0	.0	• ?	.3		-0	-1	-1	• •	• 2
20-22	.0	•0	.:	.c	- 1	- 1	. 3	.0	.0	.0	٠.	-1	- 1	• 2
23-25	•0	•0	.0	•0	-1	-0	- 1	.0	• •	.0	.0	.1	.£	-1
26-32 33-40	.0	.0	•0	• 5	.0	-0	.0	). 0.	٠.	Ċ	.5	.0		.0
41-48	•0	.0	.0	.: :	.0	.0	.0		 3.				::	::
49-60	.0		3.	-5	.0		.0	::		3.			٠:	.0
61-70		.0			ě		.č	:5		.5	.0	.0	٠.٤	ě
71-86	:ŏ	.5	.0		•0			.0		.c	ة.	.0	٠.:	
87.	.0			.: ::	.0		.5	.5	.5			.0	.č	
101 PC1	2.5	9.8	8.6	7.4	2.9		31.9	1.2	7.5	1.6	5.4	1.6		21.5
	,				•••	• •		•		• •	• • •			
				٤							32			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-16	11-21	22-35	34-47	46+	PC*
<1	.5		• C	٠0	.0	.0	1.3	. •	• •	•c	.0	.0	.0	. •
1-2	• ?	2.4	.5	•0	.0	.:	3.1	•5	1.0	- 3	٠.	•0	.с	1.2
3-4	.0	1.4	.6		٥.	.0	2.0	.0	• •	• 3	.0	.0	٠.	.5
5-6	•0	. 3	٠٤	-1	-1	•0	1.1	•0	•0	-1	- 1	-0	• •	- 1
. 7	.0	. 3	• 1	-1	.c	-0	. 5	•0	.0	.1	.0	.0	٠,	- 1
5- <b>7</b> 10-11	.0	•1	.0	-2	.0	.0	.3	.0	3.	.0	.0	.0	3.	
12	.0	-0		-1	.1	.0	::	.0	.5		.0	.c	٠.:	
13-16	.0			::	::	.5	::	•0		.0	.0		:0	.0
17-19				::		::	.;	.5		.5		.5	::	.0
20-22	.0	.5	3.		.0		•	.5			.0	.0	.0	
23-25								.0	.5			.5	3.	
26-32								.0	.0	.0	.0	3.	.0	.0
33-+C			.0	ž.	.0	.5	.0	.0	.5		3.	.0	-0	 c.
41-48	.0	.0	.0	.0	.0	.0		.0		.0	.0	.0	٠.	.5
49-60		.0	.0	.0	.0	.0	. C	.0	.0	.0	.0	.0	٠.	.0
61-7C	.0	.0	.0	.0	•0	.0	.0	.0	.0	٠.	•6	.0	٥.	• 3
71-26	.0	.0	.0	٠.	.0	.0	.0	.0		-0	•0	.0	٠.	.0
87.														
TOT PCT	.0	.0 5.1	2.0		9.	.0	8.5	.a .s	.J	.3	.0	.c	٥.	. ( 2.7

TO THE STATE OF THE PROPERTY O

UIND SPEED INTS) VS SEA HEICHT (FT)

0-3 4-10 11-21 22-33 34-47 4616-5 7-5 -0 -0 -0 -0 -0

PCT

2515

HGT

TOT PET 25.7

 C1
 16.5
 7.4
 0
 0
 ...
 .0
 24.0

 1-2
 3.5
 21.8
 2.6
 ...
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PEW100: (CVEP-ALL) 1949-1979

TABLE 19

20.2

36.9

PERCENT PREDIENCY OF WAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIO	<1	1-2	3-4	5.6	1	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-46	49-60	61-70	71-80	.7.	TOTAL	MEAN
(566)																					+51
< €	6.0	13.7	11.7	6.1	2.2	1.0	. 9			- 2	.0	-0	.0	5		.0	٦.	٠.	٠.	2145	3
6-7	- 1	2.0	*.7	5.6	4.3	2.5	1.7	. 9	1.2	. 3	- 1	• 1	.0	0		-5	-0	.0	.0	1146	
2-0	- 1	.6	1.4	1.9	2.0	1.5	1.5		. 9		- 1	•	•			-0	.0	٠.٥	.0	566	
10-11	.2	.7		- 6	- 5	- 6	.6		- •	-1	- 1	•	- 1	.0		.0	.0	.:	.0	257	
12-13	)	-9	- 5	- 3	-2	. 3	-2	- 1	- 3	•	•	-0	•	0		-5	.5		.5	104	
>:3	.0	٠.	-0	•2	-1	.2	- 1	- 1	.2	-1	- 1	- 1				-0	-0	.0	٠.	• 1	12
14061	y. 1	1.4	1.2	-7	. •		. 3	• 2	- 1	.0	•	•	-0			0	-0	.5	-0	685	2
TOTAL	759	939	1614	763	465	366	265	130	160	50	28	11	13	. 5		C	٥	Ç	0	4994	5
PET	15.1	14.3	25.5	15.5	9.4	7.4	5.3	2.6	3.6	1.0	- 5		. 2	- 1			.6	.0	.0	163.0	

AMAHAL

PERIOC: (PRIMARY) 1952-1979 109ER-ALL) 1859-1979

TABLE 1

AREA COIS OULF OF TEMUANTEFEC

Proce it	FRELUENCY	Qf	*FAINER	OCCURRENCE.	47	A 140	DIRECTION

			£	PECIPI	141105	1106					01HEP	-CATHLE	PHE 50	4E N.A	
*40 018	Rain	RAIS SHUR	DRZE	FP2G PCPN		THEM FRZN PCPN	HAIL	PCPN AT DE TIME	PCFN PAST RLCH	I HOR L I HG	FLS 40 PCP4	FOG JO PCPN PAST HT	3*0×E #\$2E	SPRAY RENG DUST BENG DNOW	NO SIG -E4
٠.	1.1		.4	٠.	•0	ن۔		2.1	1.0	2.0	. 3	•	2.9	.:	90.9
NE.	1.6	1.0		.0	٠.	• 3	٠.	3.1	1.6	2.0	. 3	•	1.9	.2	90.2
Ł	2.5	1.4	. 9	. 0	.0	- 3	.0	4.7	2.3	3.1	. 3	•	2.2	- 1	57.5
38	2.5	1.7		.0	.c	.0	•	5.3	2.5	2.6	. 6	• 1	2.3	•	êt.l
s	3.1	2.3	1.0	.0	٠٥	٠.	.0	•.3	2.6	3.0	. 4	- 1	2.5		e5.7
S=	5.1	2.5	:.0	٠.	.0	.0	•	6.0	3.1	9		- 1	2	•	55.5
•	2.1	1.1	. 6	٠.	٠.		•	3.5	2.0	:	. 2	•	2.3	- 1	A6.5
×-	1.5	.7	. 5	-0	.0	.0	•	2.5	1.3	2.4	.:	•	~.1	- 1	50.7
VAP	.0	.0	. 3	٠.	.5	-0	٠.	. 5	.0	.5		3.	.:	.0	. 6
CTF-	.3	.3	• 2	• 4	.:	.5	•	. 6	.7	4.4	••	-1	4.5	- 1	٠٠
101 PC1	2.9	1.1		.3	.5	.2	•	5.0	1.5	3.0	.4	•	2.5	.1	68.7
101 0b5:	#675#														

TABLE 2

### PERCENT PREDICTOR MEATHER OCCURPENCE BY HOUR

			,	PECIPI	::110	1196					C1+E9	-LATHIC	PHERO	PENI	
HOLP (G#1)	PAIN	SHER	DPZL	FHZG PCP%	\$40.	OTHER FRZA PCPA	PATE	PEPS AT OB 11ME	PCPN PIST NCCR	Inci LThu	45	FOG =0 P(F) P151 HF		SPPAY SL.G DUST SL.G SNO.	
00603 0660* 12615 18621	1.1 1.5 3.1 1.6	.6 .4 1.6 1.0	.5 .0 .0	.0	.0	  	:	2.3 2.5 5.6 3.4	1.3 1.3 2.4 1.9	.5 «.2 4.3	.2	:	2.6 2.4 2.5 2.5	-1	42.7 84.4 64.6 91.3
151 PC1 101 065:	1.9	1.1	.6		.0	•0	•	3-6	1.6	3.1	.4	•	2.6	•1	64.6

TABLE 3

#### PERCENTAGE PRECIENCY OF WIND DIRECTION BY SPEED AND BY HOUS

		-11	C SPE	ED 1440	151								H01-	16-11			
NPD C15	0-3	4-10	11-21	22-32	34-47			PCT FRES	SPD	60	03	\$0	Se	12	15	16	21
	2.1	7.8	5.7	3.3	1.0	.2		26.1	13-1	17.9	15.1	14.6	19.1	21.6	22.7	24.2	21.9
NE.	1.4	5.9	4.5	2.1	. 6	.1		14.5	13.2	14.2	14.	12.2	15.0	14.5	16.3	16.5	15.7
(	1.3	6.2	3.3	-6	. 1	•		11.5	9.4	11-1	11.0	11.3	10.0	11-1	11.0	12.7	11.3
SE	1.0	3.9	1.5	-1	•	•			7.7	7.3	7.6	7.6	7.2	5.1	6 - 3	6.2	6.2
5		2.8	. 8	. 1	•	.0		4.6	7.4	4.0	5.0	5.4	4.6	3.2	4.0	3.2	4.2
Š¥	.,	3.6	1.1	.1	•	•		5.7	7.0	7.4	4.5	6.1	6.5	4.2	6.		4.9
	2.0	4.0	2.3		•	•		12.5	7.7	13.4	14.3	14.1	11.3	12.5	10.5	10.2	11.3
AW	Z.0	7.4	2.7		.1			13.4	4.1	11.6	12.6	12.0	14.5	15.4	15.4	19.2	14.2
YAR	.0	.3				.0		.0			.0					.0	
CALP	11-1	•••	•••		•			11.1	.0	10.2	11.2	15.7	12.9		7.5	7.5	4.2
101 065							96346		9.6	21893		20374				25560	
101 PC1	22.8	46.0	21.9	7.2	1.9	-2		cc.c				165.0					

TABLE 34

		#IND	SPELD	(490151						HEL	1641	3
-40 DIP	0-6	7-16	17-27	28-42	41.	TOTAL	261	~{ 1 #	EC	54	12	1.6
						082	1965	200	53	09	25	21
N	5.0	7.2	4.5	2.1			20.1	13-1	17.7	45-4	21.6	2 0
1.E	4.1	5.4	3.1	1.3	. 2		14.5	13.2	14.2	12.3	14.7	14-5
C	4.2	5.7	1.3	• 2	•		11.5	4.0	11.1	11-1	11.1	12.5
ŠE	3.0	3-1	.5	.1	•		6.4	7.7	7.3	7.6	5.2	• • •
\$	2.4	1.7	.2	•	•		4.6	7.4	6.0	5.4	3.3	3.4
S.	2.8	2.5			•		5.7	7.4	7.4	6.1	4.4	4.6
4	6.1	5.0	- 4	•1	•		12.5	7.7	13.6	13.4	12-3	10.3
10	4.1	5.7	1.2		•		13.4	5.1	11.7	12.3	15.4	14.2
WAD			.0	.0	.0						٦.	
CALP	11.1						11.1	٠.5	10.3	15.4	11.6	7.9
250 101						66349		5.6			22234	27965
TOT PCT	45.4	37.5	11.8	4.2	. 6		100.0		100.0	170.0	100.5	100.6

244046

P(RIO): (PPIMARY) 1952-1974 (OVER-ALL) 1859-1979

TABLE 4

AREA CO'S GULF OF TEHUANTEPEC

#### PERCENTAGE ERECUENCY OF AIND SPEED OF HOUR IGHT)

				-150	SPEED E	IZICA>			PCI	IGITE
HOLM	CAL *	2 - 3	4-10	11-21	22-33	34-47	46.	4644	FRES	065
63663	10.3	12.5	.7.6	21.0	5.4	1.4	. 3	7.4	170.0	23444
20679	15.4	11.4	46.1	16.5	6.3	1.9	.2	8.7	100.0	22706
17615	11.0	15.5	45.0	22.2	7.4	1.7	-2	9.6	100.0	22234
18121	7.9	11.6	44.8	24.7	2.4	2+2	• 2		170.0	
161								٠.٠		90349
~61	11.1	11.0	-6.C	21.	7.2	1.7	• 2		100.0	

TABLE 4

145LE 6

P	CT + 2E			LOUL A		EISHIHSI		•					CETLIA SH CS/					
FV0 618	***	3-4	5-"	F F	101#L 085	C0460 CF00D LIV	200	150 259	300 506	620 549	1000	2000 3449	3520 4969	506C	65CC 7660	*600-	4H <5/6 AHY HGT	
`	11.5	3.4	3.7	)		7.2	. 1	•	. 1	٠,	.,	. 4	•2	. 1	-1	.1	17.5	
N.E	7.2	2.5	3.2	1.5		3.3	•	•	. 1	. 5	. 7	. 4	.2		.1		12.3	
	3.5	2.1	3.7	2.2		1.7	. 1	. 1	.2		1.7	. 4					6.5	
22	1.6	1.7	2.3	1.5		3.0	. 1	•	.2	. 5		. 3	. 1				4.5	
Š	1.3		1.5	1.0		3.0	•	•	.:		. 5	. 2	. 1	•			3.4	
5.	1.1	:	1.5	1.3		4.5	- 3	•	. 3			.2	. 1				4.0	
	5.2	2.6	3.1	1.7		3.5	- 1	•	.2		. 5		. 1			•	10.2	
1.2	6.6	2.6	2.7	1.3		3.3	- 3	•	. 1		- 6	. 3	. 2	•	•		11.3	
112	. 3	.0		٠.		• "	.0	.c	.0	.5	٠.	.0	.:	.0	.0		.0	
CZL~	6.1	2.1	2.2	. 6		2.5	.1	•	•	. 3	.4		. 1	•	•		10.0	
101 "65					77207	3.4												7326-
161 PC1	44.9	13.4	24.	12.7	130.0			. 5	1.1	4.5	6.4	2.*	1.3		. 3	. 3	62.1	100.0

14965 7

#### CUMULATIVE PCT FREE OF SIMULTANEOUS OCCURRENCE OF OFFICIAL METERS FOR SAME AND LINE 1500

				YSET INF	,			
CEILING	= 0R	= 0P	= C≥	: 00	= 0R	= 00	: 08	= 95
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>5010	>0
7 04 2550C	.5					.6	.6	٠.
= 0P >5000	.•	1.0	1.0	1.0	1.6	1.0	1.0	1.0
* 28 >2500	2.0	2.2	2.3	2.3	2.3	2.3	2.3	2.3
= 05 >2000	4.3	4.9	5.0	5.0	2.1	5.1	5.1	5.1
= 02 >1050	9.6	11.2	11.5	11.4	11-5	11.5	11.5	11.5
: 00 >600	12.5	15.4	15.6	15.9	15.9	25.9	15.4	15.7
2 04 >300	15.4	16.3	14.8	16.9	17-5	17.0	17.0	17.C
: OR >150	13.5	16.5	17.3	17.2	17.2	17.2	17.3	17.3
= 04 > 0	13.7	16.4	17.4	17.6	17.7	17.7	17.6	17.4

TOTAL NUMBER OF DBS: 75280

PCT FRED NH CS/8: 82.2

TABLE 7A

#### PERCENTAGE FRED OF LCW CLOUDS (EIGHTHS)

TOTAL C 1 2 3 4 5 6 7 6 005CF 205

1	٨	٨	٤	2	

							-									
PEPIOD: (PRIMARY) 1 (OVER-ALL)							14	ti					A MELE	60LF		erec
		₽	モシベシタミ	FREC (					LHRENCI ALULS (				f ot			
(7m) 4264		`	NE	f	SE	5	5.	•	***	119	***	PC1	10141			
***	wCP				•	•	•	•		.,	•	- 1				
(1/2	40 PCP		•	•	•	•	•	•	•	. :	•	- 1				
	101 1	•	•	•	•	٠	•	•	•	• •	•	- 2				
	444	•	•	•		•	•	•	•	•^	•	. 1				
:/2()	NO PEP	•	•	•	•	•	•	•	•		•	•				
	101 1	•	•	•	•	•	•	•	•	•	•	-1				
	FCF	•	•	•	•	•	•	•	•		•	•2				
165	NO PCF	•	•	•	•	•	•	•	•	::	•	- 1				
	101 1	•	•	•	•	•	•	•	•	• ^	•	- 2				
	FCF	•	•	- 1	-:		•:	- :	•		•					
245	NO PEP	- 1	• •	.1	-: -: -:	.:	.;	::	.1	э. Э.	• •					
	101 2	.1	• 1		- 1	• •	• ;	. 1	- 3	•€	•:	1.0				
	PCP	. 1	-2	. 3	::	.1	.2	::	- 1	• • • • • • • • • • • • • • • • • • • •	•	1				
5<10		1.6	1.1	. 5	. 5		. 5		. 9	• • •	. 9	7.0				
	101 1	1.7	1.5	1.1	.7	• >	. 7	1.1	•	• •	٠.	6.0				
	PCF	. 1		. 3	•2	- 1	. 2	.2	-1	.:	•	4.5				
12.	NO PEP		12.0			4.5	4.7	11.1	12.1		5.4					
	101 1	14.2	12.1	.2.3	5.7	٠.:	•. 4	.1.3	12.3	- 3	٠.٠	24.6				
	101 0c5												\$ 37.0			
	TOT PCT	25.:	14.5	.1.6	6.6	6	5.7	12.6	13.	• • •	15.7	:00.0				

TABLE 9

PERCENT FACE OF WIND DIPECTION AS WIND SPEED
WITH AND THE AND ADDRESS OF AIRTHAIN SPEED

VSEY	500		45	c	SE	\$	5.	<u>.</u>	54	FAR	CALF	PCT	TOTAL
(%=)	RTS												242
	0-3	•	•	•	•	•	•	•	•	. 0	•	- 1	
(1/2	4-10	•	•	•	•	•	•		•	-0		- 1	
	11-21	•	•	•	•	•	•	•	•	٥.		- 1	
	22.	•	•	•	•	•	•	•	•	.:		•	
	101 3	•	•	•	•	•	•	•	•	.:	•	. 3	
	G-3	•	•	.0		-0	- 0	•	•	ء.	•	•	
1/201	4-10	•	•	•	•	•	•	•	•	.:		•	
	11-21	•	•	•	•	•	•	•	•	. 0		•	
	22.	•	•	•	٠.					٠.		•	
	101 2	•	•	•	•	•	•	•	•	·	•	- 1	
	<b>3</b>	•			•	.0		•		٠.		•	
142	4-1C		•	•	•	•	•	•	•			•:	
	11-21	•	•	•	•		•	•	•	.:		- 1	
	22.	•	•	•	•	•		•	•	٠.		-:	
	TOT &	•	•	- 1	- 1	•	•	•	•	.0	•	- 3	
	2-3			•	•	•		•	•	-0	- 1	-2	
245	10	. 1	•	- 1	- 1	•	- 1	- 1	.1	٠.			
	11-21	•	-1	- i	- 1	•	•	- 1	•	.:			
	:2.	- 1	- 1		•	•	•	•	•	.3			
	101 2	. 2	• • •	-2	. 1	- 2	. :	- 1	- 1	.:	- 1	1.2	
	0-3	-1	-1	.:	- 1	- 1	- 1	-2	-1	.0	. 4	1.6	
5 10	4-10	.5		.5	. 3	. 3	. 3	- •	.5	.c		5.4	
	11-21				- 2	- 1	. 2	- 3	• 2	٠.			
	22.	. 6	. •	. 1	•	•	•	- 1	- 1	.5		1. *	
	101 %	1.7	1.2	1.1	. 7	.5	. 7	1.1	1.2	.0	. •	• • •	
	0-3	2.0	1.2	1.2		. \$	. •	1.5	1.0	.3	10.0	23.5	
13.	<b>~-10</b>	7.2	5.4	5.7	3.5	2.5	3.1	7.3	7.3	.:			
- •	11-21	5.3	4.3	2.8	1.2	- 6	. 6	2.3	2.4	.0		16.1	
	22.	3.6	2.3	.5	.1	. 1	- :	- 1	. 7	-0		7 .	
	101 2	10.2	13.5	10.2	5.7	4.0	4.6	11.2	12.2	.c	13.0	45.3	
	240 151												53665
		70.1	10.5	11.6	6.6	4.6	5.7	12.5	15.3	.0	11.1	152.5	

FE0100: 100191241 1957-1979

AREA COME GUEF OF TEHNANTEPEC LF 10 14.5h 44.7m THE RESIDENCE OF THE PROPERTY OF THE PROPERTY

PERLENCY OF CEILING WEIGHTS (FEET.AM )4/8) :

	145										TOTAL	ANY 161	
206.5	- 3	.2	••	3.2	5.6	2.5	1.0	. •	. 3		1.0	***	20565
<b>"6</b> £6.3	٠.	.2		3.9	5.4	2.1	1.5	. 3	••	.:	14.6	£4.2	17454
12615	. 7	- 3	1.,	5.6	7.6	3.0	1.3	- 3	. 3	. 5	21.;	7 -4	182*-
10621	-\$	.:	1.1	*.6	•.7	3-1	1.5	.5	. 5	.:	15.9	4:-1	22573
*21													74-07

fastE 11 fastE 1"

		PEPCENT	fatcute	C+ 4521	17.41	** MCU2		10-0111					1361 1271 2004 19.1	
400- (5°1)	(1/2	1/2(1	1<2	265	5<10	10-	TOTAL CSS						AH (5/6 AND 5*	TOTAL 695
CUECS	.:	-1		. 4	7.1	51.5	23717	~.633	.4	1.5	5.3	٠.٠	85.1	147-6
20624	.:	.1	••	1.1	4.3	****	22715	26629		1.7	6	٠.5	54.2	16745
12/15	.•	-1		1.5	11.:	*6.3	22+12	12615	.4	2.4	٠.:	12.4	27.4	17543
14621	.•	- 1	. 3	1.2	4.1	*2.1	27654	15621		2.1	7-;	12.5	85.2	21244
101 PCT	. 3	-:	. 5	1.2	5.6	84.Z	100.0	101 PC1		2.5	7.1	11.2	41.7	75280 140.0

| TABLE 13 | TABLE 14 | TABLE 14

TABLE 15

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P46E 53\*

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P(F100: (PP144Rf) 1952-1979

是是是一个人,我们是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们就是一个人,我们

TAPLE 27

AREA TOTAL COEF OF TEMULATERED TO THE OF THE OFFI

1979						146	FF 11					14.1	,,
PCT FFEG OF	410	1{**								r FOG (4) 1065 F)	IHOJI	P7[ ^ [ + ] T	11671
419-561	61	<b>6</b> 5	54	73	77	41	45	49	>52	tet	•	.0	
ire oit		••	22	24	45	••	*4	45			٢٤٤		
23/25	40	٠,	-¢	٠.	٦.	.:	•	.0	٠.	1	.0		
20/22	٠.	-2	.0	.3	.0	-2	•0	•	.:	•	٠.	•	
17/14	٠.	.0	.0	٠:	٠.	•	•	•	•	4	. 5	•	
19/16	. 2	-0	٠.	.5	•	•	•	•	•	t =	. 3	•:	
11/13	.0	. 5	•	•	•	- 1	•:	- 1	•	255	•	• :	
9/10	.0	٠.	•	•	. 1	.2	- 1	- 1	- 1	*56	•	٠.	
7/8	.5	- 3	•	- 1	.2	• :	- 3	• :	- 1	10+2	•	1.5	
·	.5	•	•	- 1	•2	.2		• ?	•	673	•	1-1	
3	. J	.:	•	. 1	. 5	.5	. 7		•	1659	•	2.2	
	٠.	•	- 3	.2	. 5		1.2		•	2733	•	3.3	
:	.:	•	•	. :		. •	1.3		•	24:2	•	3.5	
;	٠.	•	.1		1.0	2.4	2 . 3	• 2	•	5466	•	6.5	
1	. :	•	- 1	. 5	1.1	2.4	2.4	. 3	.:	5692	•	7.1	
Ü	. 5	•	-2	. 7	2.3	2	2.9	.1	.5	11453	. 1	11.5	
-1	•	•	- 1	. 4	2.1	7.5	7.0	•	.0	4665		. 1 . *	
			- 1		3.		1.1			112		•	
- •	••	•	- 1	. «	3	4.4		•					
			.1		3.4				. ^	74 4		~.	
-5			- 1	. 5		•	- 1			•		٠.	
			- 1	. 5					.5				
-7,->	٠.		- 1		•••					•,-,		٠,	
-9,-:-			. :			- 3		• •	٠.٤	1.*6			
-11,-11		•	- 1	.:			-6		. 5	*5*			
* 1 * / *			•		•					٠,		-1	
-17/-							- 77	-		į			
TOTAL	- •		•			•	•	•	-	*30.5	•		

FCT - 12 1.7 7.4 25.6 46.6 15.7 2.4 .2 100.0 .4 44

PIRIOD: 10+ER-ALL) 1963-1979

749LF 16

				FC	T FRED S	# -1*P	\$2660	(KTS) 4ND D19(	C1167 A	E#SUS S	EA HEIG	·*5 (F7)	1	
				٠.							NE			
#51	1-3	**10	11-21	22-33	34	4**	<b>&gt;</b> CT	1-3	4-15	11-21	22-33	34-27	44-	461
<1	. •	1-5	- 1	•	.0	.5	2.5	.6	1.1	-1	٠.	.5	٠.	: - 7
1-2	.5	4.0	.•	•	•	.5	5.4	- 5	3.1	.*	•	•	.:	•. •
3	- 1	1.5	2.0	. •	•	.c	•.0	-1	1	1.4	. 3	•		3-5
5-6	.c	. •	1.7	.7	. 1	٠.	3,0	•	44	1.3	- 5	-1	.2	2.1
7.	•0	- 1	. •	1.0	•2	•	2.1	•0	•	. 7	. 7	-1	•	1.5
2-1	-5	:		• •	• 2	•	1 - 1	-6	•	. 3	••	-1	.5	
10-11	-0	٠.	- 1	- 5	• 2	•		•c	-5	-1	- 3	-1	•	- 5
12	.0	-8	- 1	• ?	- 1	•		٠.5	.5	•	-3	-1	•	• ?
13-14	٠.	-0	•	- 3	.3	- 1		.5	.0	•	• •	.:	•	•
17-19	٠.	-0	٥.	•	•	•	-1	3.	• •	-0	•	:	•	-1
50-55	.0	٠.	-6	ء.	-1	•	-1	•5		.c	:	:	.:	-:
23-25	.0	-0	٠.	.5	:	.c	:	•9	• •	• • •	.0	:	•	- 1
26-32 33-90	2.	٠.	.0			•		•0	٠.٠	٥.		٠.	ء.	:
41-48	-0	•0	٠,٥	.0	.5	40	:: ::	•0	.5	-5		.5		::
95.90	:: 3:	3.	٠.	.0	::	:: 3:		.5	3:	c.	3.		::	. 5
21-76		.0	3.	3.		.0				.5	.5	.:		
			·:		.;	.5	.:	٠ <u>٠</u>	.0	::	.5	::		
71-46 £7•	.0	.3		 3.		.5	::	.0	٠.		:5	3.		
101 001	1.5	7.7		3.7	1.2		20.4	1.0	5.4	5.1	3.5	. 2	.;	15.
161 -61	1.07	,.,		3.7	1-2	••	25.4	1.5	>•▼	>-1	2.5			15.
				Ł							SE			
461	1-3	9-13	11-21	22-33	39-97	46.	PC:	1-3	4-10	11-21	22-13	30-07		
<1		1.1				٠.	:.7			•			ے۔	1.1
1-2	. 3	3.2		٠.	-2	•5	• • •	.:	2		.3	.c	- 6	2.4
3.4	-1	1.5	1.4	-1	.3	.3	3-1				•	.c	.:	1.4
5-6	•	- 3	1.0	-1	•	.0	1.5	•	- 1	. •	- 1	.=	3.	. 7
7	.0	-1		-1	•		. ?	.0	•	-1	•	.5		• 2
8-9	-0	•	.:	-1	•	٥.	• • • •	.3	•	•	•	-5	٠.:	- 1
10-11	.0	.0	-1	-1	•	-c	• 1	.c	.0	•	•	-8	٠.٤	•
12	-0	.c	•	•	•	•	-1	.0	.3	-c	٠.	-0	٠.	•
13-16	.5	.0	•	•	•	-0	-1	.3	٠.	.0	•	•	-4	•
17-19	-0	.5	.C	•	-0	.:	•	.0	.5	-0	-5	.:		.0
20-22	-0	٠٤	.0	.0	.0	-0	-0	٠.		3.	٠٤	-=		-5
23-25	.0	-0	.:	-0	-0	.5	.0	.:	.:	٠.	.c	. 3	٠.:	. 4
26-32	.6	• • •	٦.	-5	.0	.0	.0	.0	٠.	.0	.0		-:	-2
33-43	.c	.0	.0	٠.0	.5	.2	.5	• 7		٠.	.0	-3	.=	
41-48	-0	-0	.0	.0	.c	.c	• • •	.5		٠.5	.5		٠.	
49-60	-0	.3	٠.	-0	.2	٠.	.:	.0	.:	•=	.c	.c	-0	••
61-75	.0	-0	.0	.0	. 2	.0	٠.	٠.	. 3	- 0	٠.	.:	٦.	- 3
71-84	.c	-0	.c	.0	.3	.0	.0	.5	.0	.5	.:	.=		• • •
47-	-6	٠.		.0		.0	-0	•5	.3		• 14	.5	٠.	- 2
101 PCT	1.0	5+2	۹.۵	••	-1	•	12-5	.7	3.8	1.7	-1	•	٠.	3.2

									PARJEL							
PEPINS	: 101[2	3-1(()	1665-1	474				TAPLE	14 (COST)				4-64	* ^Se 14-1		f IlmuablePEC .9.
				*5	1 5960 0	r .:s:	SPELE	(/15)	4ND 9:26C	110% Y	L=5.25 5	E4 mE16	m15 (/1)			
				s								<b>5</b> -				
461	1-5	4-1-	11-21	22-33	24-47		PC?		1-2	4*1-	11-21	22-33	30-07		PC 2	
<1		. 7		3.		٠.	1.2			.,	•		.:	Ì.s	1.3	
1-2	• 2	1.4	.:		.5	٠.	1.9		.2	1	. 5		.5		2.4	
3-4	•	. 5		•	٦.	.0	. 9		- 1	. 7	- 5	•	٥.	٠.	1.2	
5-5	•	. 1	.:	•	.:	-0			•	- 1	. 2	-1	•			
,		•	. 1	•	•	٠.	. 1		.0	•	• 2		•	•	• ?	
6-4	- 4	•	•	•	•	•0	. 1		.:	•	•	•	•	٠.	- :	
10-11	.0		•	•	•	.0	•		.:		•	•	•	٠.	•	
12	. 7	.c	•	•		. 3	•		.5	.0	•	•	•	٠.	•	
13-10	٠.	.:			٠.	٠.5	٠.		.0	.0	• 7	•	.c	.c	•	
17-15	.0	د.			.0	.\$	.0		.:	.9	.:	.0	•	٠.	•	
20-22	.0	٠.		.0	•	.0	•		.c	• •	• >	.5	•	٦.	•	
23-25	• =	٠.	• '	-0	• • • •	. 3	.3		• 2	••	•-	.:	.0	٠.	٠:	
26-32	• ?	.5		٠.	• • •	. c			.:	د.	٠.	.0	-5	٠.٤	.0	
332		••		ء.	•:	•0	. ?		•?	- 2	• • • •	٠.	٠.	- L	-5	
-1		.:		٥.	•5	٠.5	.:		٠.5	• •	•:	٠.	•3	٠.5	• 2	
40-60	::	.c	••	٦.	٠٤	٠.	.0		• ?	• •	• :	٠.	٠.	٠.	•:	
-1-70	.5	.0	•.	3.	.0	• • • •	.5		• 2		• 2	٠.	.:	-5		
71-86 67-	.:	:5	•'	3.	.:	.0	.0		.3	••	::		.0	-5	٠.	
161 PC1	:;	2.6	:.		•:		4.ĕ		:;	3.7	• • • •		• • •	٠.	5.7	
	••	•••	••	••	-	••	٠.٠		• •	<i>,,,</i>	•	••	•	-	3	
				_												TOTAL
MEI	1-3	4-12	11-21	22-33	30-07		PCT		1-3	4-10	11-21	22-33	30-07	44.	PC1	PET
<1		1.4	•	3.	.0	٦.	2.6			1.5	•		· .c	.0	2.4	-
1-2	- 4	*.*	• t	.0	.2	.0	5.4		- •	3.5		.ė		-:	3.2	
3-4	- 1	1.5	1.0	•		3.	2.6		-1	1.5	1.0	- 1		٠.	:.7	
5-6	•	.:	. ~	•	•	.3	.7	'	•	. 3		.2	•		1-1	
7	.0	• 1	• 2	-1	.0	•			-9	•	• :	.2	•	•	-+	
8-5	.:	•	•	•	•	.5	. 1		.0	•	.1	. 1	•	•	- 3	
10-11	.:	٠.,	•	•	• ^	.5	•		٠0	-0	•		•	•	-:	
12	-7	-0	•	•	• 6	ء.	•		.0	.0	•	•	•	.5	- 1	
13-16	٠.٥	••	•*	•		ء.	•		.c	-0	•	•	•	٠.5	.1	
17-16	٠.	••	٠.	٠.	.c	٠.	2.		.2	••	٠.	•	•	٤.	•	
20-12	.5		•5	-c	٠.:		• • •		٠.5	٠.	-5	.5	· C	٦.	.5	
23-25	.: ::	٠.:	•:		::	٠.	• • • •		٠.5	.5	.0		•¢	•=	.:	
33-46	:5	.: ::	•3	:: ::	3.	- 2	٠.		••	.:	:2	٠.	.:	.5	-2	
41-46	.3	::	::	::	3.	.s			.c	::		3.	• 0	٠.	•=	
46-4.					.5	.5	.s			::	:5		-¢	::	:3	
11-70	::	• • • • • • • • • • • • • • • • • • • •		::		.5	:				.5	.c	3. 3.	::	: :	
7:-44		::	:-	::					.0	::	Š	:5	.5	::		
7.			::	::		.5	:5			::		::	ä	٠.٢	Ξś	
			•						• • • • • • • • • • • • • • • • • • • •	•			• • • • • • • • • • • • • • • • • • • •			

	212	SPEEC	1.151	42 261	46 254T	( 77 )		
HST	5-3	4-10	11-21	22-35	30-07	• • •	<b>*</b> C1	10
<b>63</b>	14.5	+.5	.:		٠.	.=	74-3	•
1-2	5.4	22.4	4.5	•	•	.0	12.0	
5-4	. 7	4.3	4.4	. •	•		10.2	
5-6	-1	1.4	5.4	1.7	.:		4.7	
7	•0		2.4		. 5		5.7	
4-9	•0	.2	1.6			•	2.9	
10-11	-0	.0		٠.,٠		•	1.7	
12.		-0					.,	
13-14	-0			- 5		- 1	1.1	
17-14			.c			•		
25-22		::						
23-25		.5				.0	- :	
26-32		::				•	-:	
33		.0				-5		
41-41	::		::				::	
45-6:	::	::	:5					
							• •	
51-7"	-8	٠.	٠.				•=	
71-86	-3	٠.	٠.					
27-	٥.	٠.	ء.	٠.	- :	.0	-6	
					_			1454
101 00	21.2	**.*	23.5	4.0	2-3	-2	::3.2	

b( >10	D: '01	{*- =   C	, ;•-	9-1974					TABLE	1.											
				1	PERCEN	FAC:	0UE>CT (		1E 462	Sal IF	7; ¥5	14 2524	*:00	SECON	251						
*(*100 (566)	<:	1-2	3-4	5-6	7	4-4	19-11	12	13-16	17-19	20-22	C3-25	26-32	33-45	*16	**-40	41-70	71-44	47-	TETAL	P[14
<.	5.4	14	:3.2	5.4	2.4	1.2	••	- 2	• 2	• • •		.3	.0	٠.	.0	.5	-=	-5	-6	24422	3
4 - 7	- 2	2.2	4.4	4.4	3.6	1.0	1.3	-5	- 5	-1	-1	•	•	•		.5	.0		-0	25376	5
4-4	-:	- 4	2.3	2.5	2.0	1.2	.4			• • • •	- 1	•	•	•	.:	.0	٠.	٠.	٠.;	7278	
1G-11	٠.:	. 7	- 1	.4	-1	.5		.2	- 3	-1	. 1	•	•	•	٠.	.:			.:	3247	7
12-13	.5	-0			- 3	.2	- 1	- 2	• • •					•	ء.	.5			-0	1312	7
>13		•		.:	- 3	- 1	••	.1	. :	•		•				.:			.5	701	
1934		1.5	:-•	:.0	- \$	. 3	-1	- 3	-1	•	•	•	•	•	.0	.5	.5	-3	٠.	4334	3
PC1	14.6	25.0	24.9	17.6	4.7	5.3	3.2	2.5	:.•	- 5	- 3	-2	. 1	•	.:	-0	.:		- 0	100.0	

#### PERCENT FREQUENCY OF OCCUPACTOE OF SEA TEMP LOLG FOR BY MONTH

SEA THP DES F	JAN	FEB	MAR	APF	MAY	JUN	Jul	AUG	SEP	901	∿0V	DEC	ANN	PCT
96.	••	. 3	.0	•	.0	٠,	.0	٠,	.0	•	•	٠,٠	3	•
95/96	.c		.0	.0	•	.^	.0	- 1	.0	.0	•	.0	11	•
62/64	•0	• 0	•	- 1	. 2	• 1	•	• 2	. 1	•	. 1	•0	61	. 1
41/92	•	•	•	. •	. t		. 3	. 5	. 3	. 3	•	•	2+5	
89/97	.2	.7		1.6	5.1	3.0	1.9	2.0	1.7	1.3	. 6	. 4	) · ·	1.
67/45	.7	1	2.8	9.6	21.5	: 3. •	16.6	13.9	10.7	6.1	3.6	1.6	751.	4.3
43/86	4.3	4.9	11.9	28.1	36.3	35.9	34.3	36.5	30.9	22.7	15.6	8.5	20896	23.2
33/84	13.8	16.3	26.5	30.4	23.5	30.7	35.6	30.6	33.4	30.9	55 . 6	18.1	23270	26.5
81/62	25.3	27.6	29.1	19.7	9.2	13.3	13.4	12.7	17.8	23.2	22.3	23.0	17572	19.5
79/60	19.5	19.1	13.4	5.0	1.0	2.3	1.5	1.7	3.5	5.0	11.6	16.3	:577	6.4
17/78	13.0	11.7	6.5	2.5	.5	. 6	. 5		1.1	3.7	* . 3	10.0	4191	4.7
75/76	9.5	7.3	4.6	1.1	• 1	• ?	. 3	• 2	. 4	1.5	5.9	8.2	2791	3.1
13/14 11/12	6.2	• •	2.2	• •	- 1	• 1	•	- 1	• 1	. 7	3.6	5.6	1695	1.9
69/73	3.7	3.4	1.2	•2	:	:	•	:	•	. 3	2.6	4.2	1100	1.2
67 3	2 - 1	1.2	• *	-1	•:	.с	.0	.0	•	- 2	1.5	2 . 3	600	. 7
65 6	1.1		• •	.5	٥.	•0		.0	.0	- 1	. 6	1.1	316	• 4
63 24	::	.1	:1	.0	.0	.0	0.	.0	.0		. 3	• 3	110	• 1
01/62	•	• 1	• • •	.0	.0	.0	.0	.0	.0	.0	.?	1	11	:
59/62		.6	:	.0	.6	.0	.0	::	.0	.0	.0	•0	- 1	:
57/50		.0		.0	.0	-0	.0			.0	·:		ţ	.0
55/56		•0		.,	.0	.5	.0	.0		ò		.0	č	
53/54	.5		:5	.ć		.ă		: .	.5	ີ້ຳ	.č	.0	ŭ	.0
51/52	.0		.,	.0		.3	.0	::			.0	.0	ŏ	.0
49/5"				.č	.0	.0				.0	:0	.0	ö	
47/48	.0	.0	.0		.0		.0	.c					ŏ	::
45/46	9.	.č	.c		.č	ě.	.0	.0		• • •	.0	.0	ŏ	.c
43/44	.0	.0	. 6		.č	5.	č	٠.	.5	ě	.0	.0	ŏ	ů.
41/42	.0	.5	.0	.0	.0			.,	.5	.0	.0	.0	č	.0
39/43	.0	.0	٦.	.0	.0		.0		.5	.0	.0	.0	Š	.0
37/38	.0	.0	.0		.0	.0	.0	.0	.0	-0	.0	.0	Ĵ	.0
35/36	.0	• C	.0	.0	.0	.0	.c	.c	•0	.0	.c	.0	č	.0
33/34	.c	.,	. 0	.0	•0	.0	.0	٠.	.0	.0	.0	.0	C	.0
31/32	.6	.0	.0	. c		.0	.0	.0	.0	.0	.0	.0	ā	Ĵ.
29/50	.0	. (	.0	.0			.0		. 3	.0	.0	.0	ō	.0
27/28	.0	.0	.0	.0	٥.	. c	.0	٠.	.0	.0	.0	.0	č	.0
<27	• C	•0	.0	.0	.0	-0	.0	.0	. 2	.0	.0	.0	C	.0
TOTAL	1011	6633	7762	7756		7963	8016	.742	7577	7563	7.63	6657	90110	100.0
MEAN	79.2	79.6	81.5	63.7	85	4.66	84.4	84.7	F6 . 1	83.0	51.1	79.8	82.5	

#### TABLE 21

# PRESSURE (Mb) AVERAGE BY HOUR (GMT)

										TOTAL
<b>P</b> 0	0000	0300	0600	0690	1200	1500	1600	2100	MEAK	283
JAN	1011	4012	1013	.C11	1012	1013	101*	1011	1012	7060
£8	1011	1012	1013	1012	1012	1013	1013	1011	1012	7133
MAR	1010	1011	1012	1011	1012	1012	1013	1011	1212	8016
APR	1010	1011	1012	1010	1011	1012	1012	1010	1011	7664
PAY	1009	1010	1012	1010	1011	1011	1012	1010	1011	8752
JUN	1010	011	1012	1010	1010	1011	1012	1010	1011	9212
JUL	1010	1511	1012	1010	1011	1012	1012	1010	1012	8272
AUG	1010	1011	1012	1010	1011	1011	1012	1010	1011	8069
SEP	1009	1010	1011	1039	1010	1011	1012	1009	1011	7644
061	1010	1011	1012	1009	1011	1011	1012	1009	1011	768C
507	1011	1012	1012	1010	1012	1012	1012	1010	1012	7347
DEC	1011	1012	1013	1011	1012	1012	1013	1011	1612	6796
ANN	1010	1011	1012	1010	1011	1012	1012	1010	1011	9303v
OBS			20032	1680	19744		24769	1856		

#### PERCENTILES

MO	, *N	12	52	25%	501	75%	95%	991	MAX
JAN	999	1007	1009	1011	1013	1014	1016	1017	1024
FE8	998	1007	1009	1011	1012	1014	16.16	1017	1023
HER	998	1006	1008	1010	1012	1013	1015	1016	1021
APP	1000	1006	1008	1010	1011	1013	1014	1216	1020
MAY	1000	1005	1007	1009	1011	1012	1014	1016	1022
JUN	997	1004	1007	1009	1011	1012	1014	1015	1022
JUL	994	1006	1008	1210	1012	1013	1014	1016	1021
AUG	998	1006	1008	1010	1011	1013	1014	1016	1020
SEP	1005	1005	1007	1009	1011	1012	1014	1015	1020
0C7	1000	1004	1007	1010	1011	1012	1014	1015	1020
NOV	1000	1005	1008	1010	1012	1013	1015	1016	1021
050	1001	1007	1000	1011	1012	1010	1014	1017	1022

			AUNAL	PY.		40E# 000	GUATEMALA SH COAST
PEP100.	(PRIMARY) 1952-1979 (CVER-ALL) 1862-1979	DEDUENT FREQUENCY (	TABLE		RY WIND DI		11.94 90.94
			IF MERINEN	00000	OTHE	. WESTHEP	PHENOMENA
		PRECIPITATION TYPE	9CPK 41	PCPN PAST	THOR FOG	FOG WO	SHOKE SPRAY NO HAZE BLUG DUST SIG

											OIMEN	Mr mine.			
			14	REC IPI	141:04	TYPE				****	FOG	105 HO	SHOKE	SPRAY	NO
WHO DIP	HZAR	0414	ORZL	FRZG DCPN	5400	GTHER FHZN	HAIL	OB TIME	PCPN PAST HOUP	LING	NO PCPN	PEPH PAST HR		BERE DOZL	
N NE E SE S SW NW YAR CALM	.00.00.00	.0 .2 .0 .0 .0	.0	000000000000000000000000000000000000000		0.00.00.00.00.00.00.00.00.00.00.00.00.0	.0	0	.1	.1 .0 .0 .0 .0 .3 .5 .0	.3	00.00.00.00.00.00.00.00.00.00.00.00.00.	1.0 .5 .6 .9 1.5 2.6	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	98.3 98.7 99.0 98.4 98.1 99.4 97.1 98.5 10 97.0
101 PCT 101 085:	6457	• 1	•	.0	0	0	•	• ••							

#### TABLE 2

# PERCENT FREQUENCY OF HEATINER OCCUPRENCE BY HOUR

					PE	RCENT	, PEQUE				OTHER	WEATHER	PHENO	MENA	
			Þ	RECIPI	141164	1172					₹0€	£05 H0	SHOKE	SPRAY	ND
HOLR	RAIN	RAIN	DRZL	FRZG PCPN	SNOW	CTHER	HAIL	PCPN AT OB TIME	PCPK PAST	LING	WO PCPN	PEPN PAST HP		BERG ZHOR BERG DOZZ	\$16 154
(CM1)		SHER		, , .,		PCPN				_		٥.	1.0	0	18.8
			_	•	. 0	.0	•0	-1	.1	,0 ,5	.1	ø.	,9	1	98.2
£0300 90340	.1 .0	.1	.;	.c .c	.0 .0	.0 .0 .0	.0 .1	• 5	.1 .4 .?	.0	.1	.0	1.1		98.9
12615	.0	.1	.ı o.	.0	.0	.0	•0	•2			-1	.0	.1	1	98.9
101 PC1	7126	٠,	•	•0	.0	.0	•	.2	.2	.2	••				
tot obs:	1120														

#### TABLE 3

# PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

				PERCENT	AGE F	REGUE							HQUR	(G"T)			21
	q=3	₩IN	0 SPEE	0 (KNOTS	51 4-47		TUTAL 280	PC1 FREQ	PEAN SPD	00	03	26	0.0	7.5	15	18	
WHO DIR  HE E SE S S W WAR CALP TOT OBS	3.1 2.5 1.7 .3 .5 .9 1.6	12.3 15.6 12.0 2.5 6.2 .0	2.5 10-2 7.5 .7 .1 .5 1.1 .0	.1	.1 .1	.00000000000000000000000000000000000000	7607	18.1 29.7 24.3 4.1 1.1 1.3 3.9 8.9	7.: 10.6 11.0 7.2 6.2 5.3 6.5 6.8	13.1 25.5 7.2 2.0 2.7 5.8 8.0 5.9 1653	10.9 29.3 26.7 4.1 .9 2.1 7.2 7.1 1.0 11.0 11.0	18.9 21.9 19.9 4.8 1.3 1.3 1.3 1.6 15.9 1687 100.0	13.3	23.4 30.3 22.9 2.3 .5 .4 2.2 9.9 .C A.2 1554 100.0	24.6 36.2 20.2 3.2 .0 1.2 9.9 .0 4.7 214 100.0	17.4 35.0 28.3 2.7 1.0 2.7 7.3 .0 5.0 1949 100.0	17.9 38.7 2.8 2.0 1.2 5.4 6.3 .0 3.9 205

TABLE	34
-------	----

.40 GIR	0~6	#1ND 7-16	SPEE0 17-27	(KN015) 28-40	*1*	14701 250	PCI FREQ	MEAN SPD	03 00	400A 40 70	(GH1) 12 15	18 21
N NE E S S S W W NW YAR CALM TOT OBS TOT PCT	9.8 9.1 6.5 2.3 .8 .9 2.3 5.1 .0 8.5 3453	7.7 15.9 13.6 1.7 .3 1.5 3.7 .0	3.0	.0	.00.00.00.00.00.00.00.00.00.00.00.00.00		18-1 29-7 24-3 4-1 1-1 1-3 3-9 8-9 .0 8-5	7.2 30.6 31.0 7.2 6.2 5.3 6.5 6.6 .0	12.9 28.6 25.9 6.9 1.9 2.6 6.9 7.9 .03 1704	15.6	23.5 31.0 27.6 2.4 .3 2.1 4.9 .0 7.7 1768 100.0	17.5 35.4 27.9 2.8 1.0 1.0 2.5 7.0 .0 4.9 2174 100.0

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PERIODI (PRIMARY) 1952-1979 10VER-ALL) 1862-1979

TARLE 4

APER COOP GUATEMALA SE COAST

PERCENTAGE FREGUENCY (	OF	WIND	SPEED	۴Y	HOUR	(GMI)
------------------------	----	------	-------	----	------	-------

				WIND	SPEED 6	ANCISI			PCT	TOTAL
HOUR	CALM	1 - 3	4-10	11-21	72-33	34-47		HEAN	FREG	085
00003	6.3	10.0	57.6	24.7	1.3	.0	.0	8.3	100.0	1798
40380	15.6	14.1	53.5	15.0	1.6	• 2	. 0	6.7	100.0	1867
12115	7.7	11.7	54.6	21.5	2.4	.0		8.3	100.0	1768
18421	4.9	^ 5	47.2	*3.0	4.8	-6	.с	10.1	100.0	2174
TOT	650	656	4025	1858	501	17	c	2.4		7607
PCI	6.5	11.3	52.9	24.4	2.6	• 7	٠c		100.C	

TAPLE 5

TAPLE 6

,	CI FRE			CLOUD A		(E EGHTHS)		•					CEILIN NH (5/					
AND DIS	0-2	3-4	5-7	8 E 085C0	TOTAL	COAEK CLOND HEWN	CGC 149	150 299	300 599	600	1200	2000 3499	3500 4999	5000 6499	65C0 7999	5000+	NH CS/A ANY HGT	
N	13.7	2.3	1.7	. 3		1.6	•0	.0		. 1	. 3	.?	. 1			.1	17.2	
NE	22.2	4.1	2.4	. 3		1.5	•	.0	. 1			. 3	- 1		. 1		27.6	
E	19.3	3.4	2.0	. 3		1.4	•	.0		. 3		. 3	- 1	.0	•	•	23.6	
SE	3.4	.5		•		1.5	•0	.0	•	•	.1		•		.0	•	• • 1	
S	.9	. 1	- 1			1.3	•0	.0	.0	•	•	.0	.0	.0	.0	. 0	1.1	
ŭ 2	1.0	.1	. 2	•		1.6	•0	• 2	.0	.0		.0	-0	•	.0	.0	1.2	
	3.0	.6	.2	. 1		1.4	•	•0	.0	.0	•	•	•	•	•	•	3.7	
N#	6.5	1.4	. 8	.1		1.6		.0	•	• 1	. 1	- 1	. 1	•	•	•	*.4	
VAR	.0	9.0	.0	.0		.0	•0	.c	•0	.0	.c	-0	.0	.0	.0	-0	.0	
CALM	6.7	1.0	. 7	.2		1.3	.0		•	- 1	.2	. 1	• 0		•	- 1	A.1	
TOT OBS	4495	789	500	77	5861	1.5	4	1	8	47	96	57	25	9	9	15	5587	5861
101 PC1	76.7	13.5	8.5	1.3	100.0		• 1	•	• 1	.8	1.7	1.0	. 4	• ?	•2	. 3	95.3	100.0

TABLE 7

CUMULATIVE	PCT	FREG	OF	SIMULTANTOUS	OCCURPENCE
OF CETLIN	KS 41	TOUT	481	H SHIAS AND W	CAV (UP)

				VSRY (M	(P)			
CEIL	ING = 0	OR = 0	R = OR	= OP	= OR	= CR	# QR	= CP
IFEE	1) >	10 >	5 >2	>1	>1/2	>1/4	>5010	>0
= CR >6	500				.4			.4
= OR >5	000	.5 .	5 .5	5	.5	.5	.5	.5
= CR >3	500	.9 1.	6 1.0	1.0	1.0	1.0	1.0	1.0
2 00 >2	000 1	.8 1.	9 1.9	1.9	1.9	1.9	1.9	1.9
= OR >1	000 3	.3 3.	6 3	3.6	3.6	3.6	3.6	3.6
= OR >6	00 4	.1 4.	4 4.4	4.4	4.4	4.4	4.4	4.4
= OR >3	CO 4	.2 4.	5 4.5	4.5	4.5	4.5	4.5	4.5
= CR >1		.2 4.	5 4.6	4.6	4.6	4.6	4.6	4.6
= OR >	0 4	.3 4.	6 4.6	4.6	4.6	4.6	4.6	4.6
TO	TAL 2	58 21	S 276	278	278	278	278	278

TOTAL NUMBER OF OBS 6013

PCT FREC NH <5/8: 95.

TABLE 74

#### PEPCENTAGE FREQ OF LOW CLOUDS IFIGHTHS)

U : 2 3 4 5 6 7 A 085CD 085 48.7 26.1 10.5 6.5 3.5 1.8 1.4 .8 .7 4 6262 JANUARY

PERICO: (PRIMARY) 1952-1979 TABLE 8 11.9N 90.9N

VSBY			NE	ε	sŧ	s	Sh	u	Nb	VAR	CALF	PCT	TOTAL
(50)		•	""		36	,	3.	•	4,0	***	UNCF		085
	PCP	. 3	.0	.0	.0	.0	.0	.0	.0	.0	•0	.c	• • •
(1/2	NO PCP	.0		.0	•0	.0	.0	•0	.0	.0	, c	.0	
	101 1	•0	.3	.0	•0	.0	•0	•0	٠.	•0	·c	. ?	
	PCP	.0	.0	.0	-0	.0	.0	٠0	.0	.0	.0	.0	
1/2(1	PO LCD	. ၁	. 0	.0	-0	.0	.0	•0	.0	•0	•0	.0	
	101 1	.0	. 5	.0	•0	.0	-0	•0	.0	.0	.c	•0	
	PLP	.0	.0	•c	.0	.0	-0	.0	.0	.0	.0	.0	
142	NO PCP	• • •	. 0	.0	•0	.0	•0	.0	•0	٠0	.0	• 2	
	101 1	•0	-0	•0	.0	.0	•0	.0	.0	.0	•0	-0	
	PCP	.0	• 0	•C	.0	-0	.0	.0	•c	.0	•0	•0	
245	NO PER	•	• 1	• 1	. 1	•	٠.c	.0	•	.0	•	. 3	
	101 2	•	- 1	- 1	. 1	•	.c	•0	•	.0	•	• 3	
	PCP	.0		•	.0	•0	.0	• C	.0	.0	.c	•	
34>2	NO PEP	.5	. 7	• 5	. 1		•	• 1	• 3	.0	- 3		
	101 1	• 5	. 7	.5	. 1	•	•	-1	. 3	.0	. 3	2.4	
	PCP	•	. 1	•	•	.0	.0	.0	.0	.0	.0	. 1	
	NO PLP	18.0	24.5	23.8	4.0	1.1	1.2	3.5	8.7	• 0	7.9	\$1.2	
	101 2	14.0	28.9	23.8	4.0	1.1	1.5	3.5	4.7	.0	7,9	97.3	
	101 085												6909
	TOT PCT	18.5	29.7	24.4	4.2	1.1	1.2	3.6	9.0	.0	5.2	100.0	

TABLE +

							11815	•					
				PEPCEN	1 FPE0 11H V						ED		
45PY (NP)	SPD KTS		NE	ť	SE	s	sw	٠	N's	YAD	CALM	PCT	TOTAL
	0-3	•0	.0	.0	-3	•0	٠.	.0	.0	.0	۰.0	.0	
<1/2	4-1C			.c	.0	.0	•0	.0	. c	•0		•	
	11-21	-0		•	.0	-0	.0	.0	.0	.0		•	
	22.	.0	.с	.0	.0	.0	•0	٥.	.0	•0		•0	
	101 1	•	•	•	•0	.0	٠٥.	.0	•0	.0	.0	•1	
	0-3	٠.0	.0	.c	.0	•0	•0	٠.	•0	•0	.0	-0	
1/2<1	4-10	٠٥.	٠.	٠.	.0	•0	-8	٥.	•0	٠c		•0	
	11-21	.0	•0	.0	.0	-0	٠.6	•0	•0	• 6		•0	
	22.	.3	.0	• C	•0	•0	.0	٠.	•0	•0	_	•0	
	101 1	٥.	•0	•c	.0	•0	•0	•^	•0	•6	.0	•0	
	0-3	.c	• C	.0	.0	-0	.0	3.	•0	.0	.0	.0	
1<5	4-10	.0	۰.	•	•0	•С	.0	• 0	•	3.		•	
	11-21	-0	-0	.0	•0	•0	•0	.0	•0	-0		.0	
	22.	٠,	.5	.0	• 0	4 C	۰.	•0	.0	•0		.0	
	ter r	.0	-0	•	•0	٠c	.0	•0	•	.0	•0	•	
	C-3	.0	•0	•	•	٠.	.0	.0	.c	.c	•	-1	
e < 5	4-10	•	. 1	. 1	•	• 0	•0	-0	•	•0		• 5	
	11-21	•	•	•	•	٦.	. 0	.0	٠.	•0		•	
	224	•0	.0	.0	•	•	•0	•0	•c	.0		•	
	131 5	• 1	. 1	- 1	• 1	•	•0	2.	•	٠.	•	. •	
	0-3	. 1	.1	. 1	•	4	•	•	•	•0	. 3	.7	
5(10	4-10	. 3	. 3	• 2	•	•	•	•	• 2	•0		1.2	
	11-21	• 1	. 2	• 2	•	• 0	•0	٥.	- 1	٠٥		.5	
	22+	•	•	•	.0	•0	٠٥	٠.	•0	.0		• 1	
	101 z	.5	. 7	• 5	. 1	•	•	. 1	• 3	.0	• 2	2.4	
	0-3	3.0	2.3	1.5	.7	• 3	.4	. 7	1.6	.0	1.2	10.0	
10.	4-10	12.1	15.0	11.5	2.7	• 7	. 8	2.4	6.0	.0		51.4	
	11-21	2.4	10.0	9,4	.6	• 1	:	•5	1 · C	٠.		24.1	
	22.		3.5	1.2		. :	0	٠.		•0		2.6	
	101 1	17.7	23.8	23,9	4.0	1 - 1	1.3	3.6	8.6	•0	8.2	47.2	
	01 045									_			7346
•	OT PCI	14.5	79.6	24.5	• • 1	1.1	1.2	3.7	8.9	•0	* . 5	100.0	

PERIOD- (PRIMARY) 1057-1979 (OVER-ALL) 1967-1979

CE SJAAT

APEA 0009 GUATEMALA SW COAST

PEPCENT	FREQUENCY O	F CE	ILING	HEIGHTS	. CFEET.NH	24/81	AND
	000080	ENCE	OF N	4 <5/8 E	Y HOUR		

										* -			
(241) HOUS	149	346	300 599	999 670	1000	2600 3499	3500 4999	5000 6499	4500 7999	*000	1011	NH <5/A	
00603	٠.	3.	• C	. 3	.0	.5	. 7	-1	.0	. 2	2.5	97.5	15#7
96609	- 1	٠.	. 1	• 5	1.4	.9	-1	.2	•2	.3	3.0	96.2	1516
12615	• 1	-1	. 3	1.6	2.6	1.0	• 5	•2	د .	.•	7.2	92.8	1477
18621	- 1	•0	.2	•€	6	1.3	. 4	- 1	. 1	- 1	*.6	55.4	1666
101	1	:	.1		100	58 .9	26	9 -1	.;			5757 55.5	6246

T#6LE 11

748LE 12

		FERCENT	FREQUEN	CY 4284	(85)	64 HOUD		COMULAT					7587 [NH]	
46 <b>0</b> ₽	<1/2	1/2<1	142	2 < 5	5<27	10+	TOTAL	HCUR (G™1)	<150 <5015	*500 <1	<1000 <5		NH (S/8 AND S+	TOTAL
C0603	.0	.0	. 1	.5	1.6	97.8	1606	50300	٠.	.0	. 4	2.3	97.1	1534
06609	• 1	.0	- 1	•3	3.1	\$6.4	1975	06609	. 1	. 1	1.0	3.1	95.9	1465
12615	. 1	.0	•1	.4	5.7	95.7	1779	12614	.:	. 5	2.3	5.4	92.4	141*
18621	- 1	.0	.0	.1	2."	97.6	2091	16621	.1	. 3	1.3	3.0	95.1	1505
101 PCI	. 1	0	4	26	195	7324	7553	101	*	13		215	5725	6013

				1	48LE 1	3									TABL	E 14				
	PERC	ENT FA	EQUENC	Y OF P	ELATIV	E HUHI	DIIV 6	4 1EPP				PERC	ENT FP	EQUENC	T OF W	ING DI	RECIIO	N 87 7	EMP	
TEMP F	0-10								TOTAL				-						-	
1577	0-54	20-34	40-44	20-24	60-69	75-79	PC-89	90-100	085	£6£0	•	34	£	5€	\$	S ==	₩	NE	VAR	CALM
95/99	.0	.0	.0	-1	•	.0	•0	.0		.1	.0			.0	.0	.0	.0		.0	
90/94	.0	. 0		• 2	3	. 1	• 1	.0	40	. 7	.1	. 3	.2				•			
85/89	٠,0	.0	•	-6	7.4	2.3		- 1	340	5.7	1.2	1.3	1.5	. 3	.1		. 2	.6	.0	
80/84	.0	•0		1.1	11.3	37.4	14.0	2.4	3501	59.2	9.6	16.6	15.7	2.7		1.1	2.7	5.3		4.6
75/79	.0			•2	1.9	9.9	15.2	5.5	1934	32.7	6.7	10.8	6.4	1.1	. 2		9	2.8		3.2
70/*4	.0	.0	0	-0	. 1	.2		. 0	94	1.0		.6	. 3	•	.0	.0	•			
65/69	.0	.0	.0	.0	.0	.0		•	3	- 1		•	.0	.0	.0		.0	•	.č	
TOTAL	0	c		124	943	2532	178	523	5916	100.0						•••	•••		•••	•••
PCT	•c	-0	. 1	2.1	15.9	42.8	30.2	8.8			18.0	29.7	24.5	4.3	1.2	1.4	3.9	8.8	٠.۵	8.4

				147	LE 15									TABLE	16			
	reams,	EITHEM	FS AND	PERCE	TILES	0F 1E	PP (DE	S F) 6	Y HOUR		2434	ENI FRE	GUENCY	OF RELA	11VE 4	U#10117	8 4 HOUF	•
HOUR (GMT)	MAX	991	951	501	51	11	₽I%	PEAN	TOTAL	#0UR	0-29	30-<0	40-69	10-79	80-89	90-100	MEAN	101AL 085
00103	95	8.8	85	81	76	7.	70	80.5	1840	00003	3.	2.1	23.0	46.6	22.3	5.9	76	1523
06609	86	* 5	82	80	75	72	69	79.3	1939	06699	.0		3.0	42.4	37.0	12.1	80	1501
12615		<b>8</b> 3	€2	79	75	72	6.8	79-1	1806	12515	• C	. 7	7.5	38.0	39.3	14.5	81	1458
18621	95	90	<b>e</b> 7	82	77	75	6.6	67.1	2163	18621	.0	5.2	23.6	43.6	23.4	4.2	74	1665
101	95			20	7.4	77		** *	7744	101								

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PEPIOC: EPPIMARY) 1957-1976 ECVEP-BLL1 1862-1979

TABLE 17

APER DOOP GUATEMALA SW COAST

PCI FREG OF AIR IEPPERATURE (DEG F) AND THE OCCUPRENCE OF FOG (WITHOUT PRECIPITATION)
VS AIR-SFA TEPPERATURE DIFFERENCE (DEG F)

	,	12 41		1117	L 44.0		, , , ,		•		
IR-SEA	65	69	73	77	41	85	89	>92	101		₩0
140 OIF	63	72	76	80	84	8.6	92			FOR	FOG
			_				. 1	.1	12	.0	.2
14/16	.0	-0	• ?	.0					42	• • •	
11/13	.0	•0	.0	•	.2	• 1	. ?	- 1			
9/10	.0	٠0	•	- 1	• 2	. 3	• 2	•0	50	.0	.8
7/8	.0	.0	•	- 2	.5	.7	. 3	.0	109	.0	1.7
6	.0	-0	•		.5	.5	- 1	•c	95	.0	1.5
š	. 0	.5	. 1	. 5	1.0	. 8	. 1	.0	156	.0	2.4
4		.č		1.1	2.3	. 8	•	.0	284	.0	4.4
	ě	.0	. ?	1.2	2.0	.,7	•	.0	270		4.1
3				2.7	4.7		•		550	•	8.5
•	-0						.0	.0	592		9.0
i C	•	•	• •	3.6	4.6	• •		:č	1100		16.9
	.0	•		7.4	6.3	- 3	.0				13.3
-1	.0	•	.7	6.5	6.0	• 1	•0	-0	868	•	
-2	• C	- 1		9.1	4.6	.0	• 0	.0	947	٠.	14.5
- 3	.0			5.2	2.5	•	.0	•0	531	.0	8.1
-:	•	. 1	.6	4.7	1.3	.0	.0	•0	439	.0	6.7
- 5	.0			2.2	. 7	.0	.0	.0	212	. C	3.3
-6	.6	.0	. 4	1.3	. 1	.0	.0	•0	119	• 0	1.8
					.;	.0	.č	.c	94	.0	1.4
-7/-3	•0	• 3							34	.0	.5
-9/-1C	.0	- 1	• 1	. 3	•	•0	٠.			.0	
-11/-13	•	.0	•	•	.0	-0	• 0	•0	•		
TOTAL	3		386		2586		60		_		6508
		30		3091		351		9	6516		
					70 7			•	100-0	. 1	99.9

PERIOD: (OVER-ALL) 1963-1979

TABLE 18

PCT FOEC OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

				N							NE				
HCT	1-3	4-1C	11-21	22-33	34-47	42.	PCT	1-3	4-10	11-21	22-33	34-47	45.	PCT	
(1	1.6	3.5				.0	5.0	1.1	2.6	•0	.0	•6	-0	3.7	
1-2	1.1	7.1	.5	.0	.0	.0	8.7		9.0	2.5	-0	.0	•0	11.9	
3-4	2	2.9	1.4	.ŏ		• 0	4.4	- 3	4.9	5.0	•2	.5	•0	10.4	
5-6	.ô		. 3		.0	.0	.5	.0	. 9	3.5	.3	.0	.0	4.6	
7	.0	::	.1	.5		• D	.2	.0	. 3	. *	.5	•	.0	1.6	
4-9			÷ċ			.0	•0	.0	- 1	• 2	.5	.0	.c	. 8	
10-11			.0		.5		.0	.0	.0	• 1	•0	.0	-0	• 1	
12		.0		.0	.c	.0	. 1	.0	.0	.c	- 1	.0	.0	- 1	
13-16	.3			.0	.0			.0	.0	- 1	•0	.0	.0	- 1	
17-19		.0			. 0	.c	.0	.0	.0	.0	٠.	.0	.0	-0	
20-22			.0	.0	.0	.c	.0	.0	.0	•C	•0	.0	.0	-0	
23-25	.0			.0	.0	3.	.0	•¢	٠.	•0	.0	.0	.0	•0	
26-32	.0	ă.	.6	.0	.5	.0	.0	-0		-c	.0	.0	•0	.0	
33-40	.0			.0	٦.		.5	.0	.0	.0	.9	.c	-0	-0	
41-46	.0	3:		.0		.0	•0	.0	.0	.0	•0	-0	•0	.0	
49-60	.0			.0	3.	.6	.0	.0	. 0	٠,	.0	•C	-0	•0	
61-7C	.0					.č	.0	.0	.0	.0	.0	.0	-0	•0	
71-86	.0	:5	.0	.0			.0	.0	.0	.0	.0	•c	.0	•0	
87+	.0			.č		.c	.0	.c	.0	.0	.0		٠0	.0	
TOT PCT	2.8	13.7	2.5	.0		.c	18.9	1.9	17.4	12.1	1.7	•	.0	33.5	
				E							SE 22-33	34+47	45+	₽CT	
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21		.0	0	1.1	
<1	. 3	2.4	٠,	.0	.:	.0	2.7		• ?	.0	.0	.e		1.3	
1-2	.5	5.8	1.6	-0	.0	.0	7.9	• 3	. 9	• 1	.0			• • • •	
5-4	.1	3-4	3 - 1	- 1	•0	.0	6.8	•	- 3	• •	٠.	.0	::	.1	
5-6	.0	.5	3.0	. 4	٠.	.0	3.9	.0	- 1	• 3	•0	-3	.0	::	
7	.0	.2	. 8	. 3	- 1	.c	3 - 3	•0	-0	.1	.0	.0	.0	::	
8-9	.c	٠.	. 3	•0	•0	•0	. 3	٠.	•0	-1	.0			::	
10-11	.c	.0	.0	.c	- 1	•0	- 1	٠0	٠.	.0	.0	.0		.0	
12	-0	.6	. 1	- 1	•0	.0	-2	.c	.0	.0		•0	.5		
13-16	•C	.0	-1	•0	.0	.0	- 1	•0	-0	.0	-0	.0			
17-19	.0		.0	٠.		.0	.0	-0	.0	•0	-0	.0	.0	.0	
29-22	.0	.0	.0	-0	.0	.0	.0	•0	.0	-0	.0	.0	.0	.0	
23-25	.0	.0	.c	-0	.0	٠.	-0	٠.	.0	.0	.0	.0			
26-32	.0	-0	.0	.0	• 2	.0	.0	-0	•6	•0				-0	
33-40	.0	•C	.0	.0	• 3	.0	.0	٠.	.0	•0	.0	.0	٠.		
41-46	.0	.0	-0	•0	. 0	.0	.0	-0	٠.	.0	•0	.0	.0	.0	
49-6C	.0	.6	.0	.0	.0	.0	.0	.0	.0	•0	.0	.6			
61-70	.0	.0		.0	.0	.0	.0	.0	.0	•0	٠.	.0	-0	-0	
71-96	.0	٦.	•0		• 0	٠.	.0	.0	.0	• • • •	.0	.0	-0		
ę7•	.0	-¢	.0	.0	.0	٠.	.0	٠.	.0	.0	.0	.0	-0	3-2	
								7	2.3		-0				

SEESTANDERSEESTER SEESTANDERSE SEESTANDERSE

WIND SPEED (MIS) VS SEA HEIGHT (FI)

HST	0-3	4-1C	11-21	22-33	34-47	48+	PCT	101
<1	12.6	12.4	- 1	.0	.0	•0	25.2	065
1-2	3.9	26.9	4.9			3.	35.6	
3-4	3:3	12.9	10.4					
				• •	.c	-0	24.4	
5-€	- 1	1.9	6.4	. 7	.с	٠0	9.4	
7	.0	.6	1.9	. 8	- 1	•0	3.4	
8-9	-0	- 1		-5	.0	-0	1.1	
10-11	.0	.0	- 1	.0	- 1	٠.	.1	
12	٠.	-0	-1	• 2	.0	.0	. 4	
13-16	.0	٠.5	• 2	.0	.0	·c	.2	
17-10	.0	.0	-0	.0	·L	•0	.0	
20-22	٠.	-0	-0	.0	.c	.0	.0	
23-25	-0	-0	•¢	-0	.0	•6	.0	
26-32	.0	•0	-0	•0	.c	٠.	.0	
33-40	-0	•0	.0	•0	-0	٠.	.0	
41-45	.0	.0	•0	.0	٠.	.0	.0	
49-66	.0	.0	•¢	.0	• G	•0	٠٤	
61-70	.0	.0	•0	3.	•0	•0	.0	
71-85	.0	-0	-0	.0	•0	.0	.0	
£7+	.0	•0	.0	•0	.0	•0	.0	
								1460
TOT PCT	17.4	54.7	25.2	2.6	- 1	-0	100-0	

MEAN HGT 3 5 6 5 1-2 3-4 5-6 17.5 2-2 .8 .0 .0 1.6 1201 22.9 16.7 6.8 1.7 .6 .6 .0 1.6 1461 27.9 4.7 .2 .1 .0 .0 .0 .0 .0 .0 .0 0000000000 7.4 6.7 1.9 .6 .5 .3 1.0 968 .4 .6 .3 .2 .1 ... 2.7 3.1 1.8 .6 .3 .2 .4 472 1.0 .1 .1 .0 .0 .0 .1 17 .3 .0 .0 .0 .1 .0 .5 ....... 000000000 0000000000 ......... 0000000000 0000000000 0000000000 2754 1121 403 157 84 41 681 5239

FEBRUAR-

PERIOD: (PFIMARY) 1953-1919 (GYER-ALL) 1871-1979

TABLE 1

APER ODO9 GUATEMALA SE COAST

PEPCENT FREGUENCY	٥F	LEATHER	OCCURPENCE	HIND	DIRECTION

			5	PFC IP I	TATIC	N TYPE					0146	MENTHER	PHEND	rena .	
640 01P	P# 1%	PAIN SHER	CRZL	FRZS PCPN	580=	CIMER FRZY PCPN	HAIL	PCPL AT CP TIME	PCPN PAST HOUP	INCR LING	FOG WO PCPN	FOG WO PCPN PAST HP	SHOKE HAZE	SPRAY BLUG DUST BLUG SNOW	
4	.1		.0	.0	٠.	٠.	.0	. 1	•0	- 1	. 1	.0	.9	-1	**.*
N.E	•	•2	•	.0	.0	-0	.7	.4	•2	- 1	•	-0		.0	98.4
Ł	.2	. 1	• 1	٠.۵	.0	.0		. 3	• ?	- 1	- 1	.0	.6	.0	98.7
šč	.0	. 5	٠.	ن.	.c	.0	٠.	.0	.0	- 1	.0	.0	1.0	.0	94.9
Š	.0	٥.	٠.	٦.	.c	.0			.7	.0	.0	.0	1.2	•0	98.0
Šu	.0		.0	.c	.0	.0	.0		•0	. 6	.0	.0	1.2	•0	48.0
	. 5	.0	.5	.0		.0	.c	.0	2.	.5	.c	.0	2.6	.0	96.6
No.	ã.		.0		.0		.0	.0	.c	•	.0	.0	1.5	.0	98.5
YAP	.0	.0	· c	.0			.0	.0	•0	.0	.0	.0	.c	.0	.0
CALM	.U	٠.	.c	.0	.0		.5	.0	.0	• 2	. 7	.c	4.9		14.2
TCT PCT TOT DES:	6958	• 1	•	•0	٠.	•0	•	.2	.1	-1	-1	-0	1.3	•	*8.1

TABLE 2

OF OF FUE	CECAL CLEX	^ 5	 ACCOUNTERED	 MAND

			D	RECIPI	T#110	N TYPE					01469	MEATHER	PHENO	HENA	
40UR	PAIN	FAIR SHER	CRZL	FRZG PCP4	5 % O L	CTHEP FRZN PCPN	MEIL	PCPN AT Ch 11ml	PCPN PAST HOUP	THOP LINC	FOG NO PCPN	FOG WO PCPN PAST HP	SMOKE H#ZE	SPPAY BLWG DUST BLWG SHOW	
5563 6663 12615	.0 .0	.0 .1	.: .s	.c .o	.c .o	.c	.0 .1	.1 .1 .3	.C .C	.1	.; .1 .2	.0 .c	.0 1.6 1.6	-0	98.6 97.9 97.4
16621	:2	.;	.;	.c	.0		. ;	. 3	.;	.;	. 1	.5	1.1		48.3
101 PC1	7160	-1	•	٥.	.0	.0	•	• 2	•1	•1	-1	•0	1.3	•	**.1

TABLE \*

#### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		-1-	r sec	ED 1440	75)								HOLF	16-11			
AND DIR	0-3	4-10	11-21	22-33	34-47		TOTAL	PCT	mE 4 M	CO	03	Ct	2.6	12	:5	14	21
							OPS	FREC	SPD								
N	3.0	10.5	2.C	. 1	•0	•0		15.6	6.9	10.3	10.5	15.1	17.2	20.7	19.4	14.5	14.6
NE	2.1	13.3	7.9	1.0	•	.0		24.3	10.2	20.9	27.0	19.1	21.2	25.0	33.7	30.0	2
	2.4	12.3	10.5	1.1	. 1	.0		26.3	10.9	29.5	16.3	20.5	27.1	25.5	22.0	30.1	27.6
38		2.4	. 9		-0	.0		4.7	7.6	6.1	4.7	5.2	2.2	2.6	2.8	3.0	6.7
\$	. 5	1.3	.2		.0	.0		2.1	6.1	3.6	3.0	2.2	.6	. 7	.7	1.7	2.1
Šw		1.3	.1	.0	•0	٠ċ		1.9	5.9	4.4	5.3	1.7	.6		1.2	1.1	3.7
•	1.2	3.1	3	•				4.7	6.2	7.8	5.5	6.2	1.2	2.5	3.3	2.8	4.0
N.W	2.1	6.7	1.2		•			10.1	6.7	£.C	9.5	11.5	10.2	11.0	10.2	9.1	5.2
VAP	.0	٠.	•0		.0	.0		.0	.0	-0	-0	.0	.0	э.	.0	.9	.0
CAL-	10.3							10.3	-0	7.6	16.0	18.1	10.7	10.5	6.8	5.5	4.4
TOT CBS	1736	3693	1763	171	9	٥	7572		6.0	1692	150	1666	166	1572	222	1010	254
TOT PCT	22.9	51.0	23.3	2. 1	- 1	.0		100.0		100-0	100.0	100.0	100-C	100.0	100.0	100.C	100.0

\*#8LC 3#

		=140	SPEED	(*4615)						HOU	CONT	,
-10 010	0-6	7-16	17-27	28-40	4 : -	TOTAL	PC1	"EIN	00	06	12	14
		-	_			CPS	FREG	500	32	89	15	21
٧.	2.;	6.1		•	.0		15.6	6.9	.0.3	15.3	20.5	16.3
٩E	4.0	12.6	3.6	. 1	.0		24.3	10.2	21.4	14.3	24.0	24.8
C C	7.5	14.1	4.5	-7	.0		26.3	10.9	28.5	21.1	25.1	29.8
ŠE	2.4	2.1	. 2	٥.	.0		4.7	7.6	7.6	5.0	2.6	3.4
Š	1.4	. 6	.1		٠.		2-1	6.1	3.5	2.0	. 7	2.0
Š	1.3	.6	•	٠.	.0		1.9	5.9	4.5	1.4	. 5	1.3
•	2.9	1.8		•	.0		4.7	6-2	7.6	5.6	2.6	2.9
Ne	6.3	3.7	.2		. 0		13.1	5.7	8.1	11.7	11.6	9.0
YAD	.0			.0	.c		•0	.0	-0		.0	.0
CALP	12.3	• •					10.3	. 5	8.2	18.2	10.3	5.4
TOT OPS	3712	3151	679	30	9	7572		6.0	1832	1832	1794	2114
101 001							100 0			100.0		100.0

FEBPUARY

PERIOD: (PRIMAPY) 1951-1979 (OVER-ALL: 1471-1979

TAPLE 4

AREA GOOD GUATEWALA SW COAST

PERCENTAGE	ERCOUFLEY	o.	- 156	SPEED	 H0118	
	Lufantiac.	.,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	 	

				UING	SPEEC 1	rvets			PC 1	TO AL
HCUE	CAL =	1 - 3	4-10	11-21	*2-53	34-47	44.	~E 44	FREC	044
00403	4.2	:2.0	55.6	23.C	2.	٠.	٠,	7.9	100.0	1022
06109	14.2	:3.5	53.4	14-1	. 7	- 1	. 0	1.2	100.0	1932
12615	10.3	13.0	52.0	21.5	2.3	• 2	.0	7.4	100.0	1795
15621	5.4	21.5	45.6	33.0	4.5		.5	4.5	100.0	2114
161	783	943	3493	1763	171	•	e	5.0		7577
PCT	10.3	12.6	51.4	23.3	2.3	. 1	. C		100.0	

12966 5

4.6 6

				, ,														
,	et for					ie ispies i							SETE IN					
		•	~ -1~	D DIREC	TICK					14: ~0	CHOBEY	CE OF	NH (5/	* 31 .	14" "	DEC:10	•	
						<b>~</b> ₹ 1 4												
HAD DIR	0-2	3-4	4-7	8 6	10111	CLCLD	C.C.3	150	100	6.00	1000	2020	3550	STOP	6500	+0000+	SH (5/*	10141
		-		08500	055	COTEP	149	240	199	435	3002	1690	44.4	5666	1944		FAT HGT	
	11.1	2.5	:	.3		1.7		٠.	.0	. 1	.2		. 1			. 1	14.7	
NE	17.2	1.5	2.7	. 5		1.7	•		- 1		.5	. 4	. 1	•			22.6	
£ .	20.1		2.3			1.5	. 1	•	.0	.7		.2	.2	-	•	•	25.5	
ŠĒ	3.5	. 5		.1		1.4	.0		.0	- 1	•	. 1	•				4.5	
Š	1.5	. 3	. 2	•		1.5	.0	٠.	.0	•		•	•	•		.0	1.9	
Šu	1.3	. 3	. 2	- 1		1.4			•						.0		1.7	
	3.5	. 7	. 5	. 1		1.6	.3	.0	.0		. 1		•		. 6		4.4	
NW	7.2	1.7	1.0			1.6			.0		. 2			. 1	9.		9.5	
PAY	.0		.0			•6	.0		. 5	.0	.0		.~	.c		.5	.с	
CAL-	6.2	1.0	. 4	• 1		1.2	•0	٠.	•	- 1	. 2	.:	- 1	•	•	. 1	9.6	
TOT OPS	4326	461	546		5846	1.6		1	5	5.	99	72	36		•	14	5570	5840
TOT PCT	74.5	15.1	9.3	1.6	100.6			:	• 1	. •	1.7	1.2	.5	-2	. 1	. 2	54.6	100.0

TAPLS 7

CUMULATIVE	PC: FPF0	CF	SIMULTANEC	us cc	CURRENCE
OF CEILI	YC HEIGHI	124	174/81 1NF	VSEY	(5")

						YSSY INF	')			
	C	ILING	- 05	= 08	: 28	: ^9	= 00	: 00	: 00	2 00
	(1	(ff)	>10	>5	>2	>1	>1/2	>1/4	75075	>5
:	OR	>5500	. 5	. 3	. 3	. 3	. 3	. 3	. 3	. 3
=	QΡ	>5000	. •	.5	.5	. 5	.5	.5	- 5	- 5
:	0.8	>3500	1.0	1-1	1 - 1	1.1	1.1	1.1	1.1	1.1
:	CR	>2000	2.1	2.3	2.3	2.2	2.3	2.3	2.3	2.3
:	ÇR	>1600	3.6	3.9	4.5	*.C	4.0	4.0	4.0	4.0
:	OR	>400	4.5	4.6	4.0	4.5	4,6	4.9	4.9	4.6
:	CR	2200	4.5	4.6	5.0	5.0	5.C	5.0	5.0	5.0
:	ΩR	2150	4.6	4.9	5.C	5.0	5.0	5.C	5.0	5.0
=	DR	) C	4.7	5.1	5.2	5.2	5.2	5.2	5.2	5.2
-	-	TOTAL	241	305	309	310	310	310	311	311

TOTAL NUMBER OF OBS 5994

PCT FREC AM CS/E: 94.8

TABLE 74

## PERCENTAGE FRED OF LOW CLOUDS RESCHTHS!

TOTAL C 1 2 3 4 5 6 7 B OBSCO OFF

"	•	٥	 ٠	0	٠	

PEPICS: (PPI=164) 1							TA	BLE 8				**	S GDOP GUATEMALA SW COAST
		•	facer.	FRED PARC	CF -141 IFITAT	n riec 10% %1	CTICA To VER	VS OCC VING 1	ULPENCI FLLES	L CR A	0%-0C	URPENC IY	er of
1254			NE	C	SE	\$	22	•	46	YAP	CALP	PCT	TOTAL
• • •	PCF	.0		.0	.0	.0	.0	.0	٠.	.0	.0	.:	1.5
<1/2		3.	. 5	.5	.0	.c	.0	::	÷.	.c	.è		
	101 1	.2	.c	•0	.5	.0	٠.	•	.6	.:	.c	.0	
	PCP	.:	:°	.e ::	.c 3.	.o	·r	٠.	.0	.0.	.0	.0	
1/24	NO PEP	•	.^	ء.	.c	.c	- 2	.0	.0	.0	3. 3.	•	
	101 1	•	• • •	.0	-0	-¢	-c	.0	.0	.0	•0	•	
	PEP	•6	٠.5	. 2	-0	.5		.0		.c	. 3	.o	
142	132 64	٠.	.2	.0	·¢	-0	-0	- 0	.0	-1	.:	.0	
	101 1	٠.	.7	.0	.c	• ?	٠.	.5	•0	.0	.r	.0	
	PCF		.0	•	.:	.6	•:	٠.	•7	3.	٠.	•	
2<5	40 101	•	- 1	•	•	•	٠,	-0	•	.0	•	.2	
	1,1 5	•	•:	.1	•	•		-0	•	• 0	•	.,	
	450	•	•	•	-0	.0	٠.		٠.	• 0	.:	.1	
5010	40 956	.5	٠.	. 9	• 2	. 1	. 1	.2		.0	.5	3.6	
	1,1 5	. 5	. 9	-+	•2	.1	• 1	. ?	. •	•:	. 5	3.7	
	PCP	•	. 2	•	-0	. c	٠,5	.0	•0	.0	.0	. :	
::-	40 PER	15.0	23.4	26.1	4.5	1.9	1.0	4.4	9.6	٠.	•.2		
	101 3	15.0	23.5	26.2	4.5	2.5	1.4	٠.٠	٠. و	•'	9.7	95.1	
	101 025												6937
	161 DCT												

TAPLE 9

				FEPCEN	11- V								
VSFT	500	٠,	ME	٤	50	\$	5.			VAR	CALP	PCT	TOTAL
(27)	. 15												085
	0-3	.:	-6	.5	٠.	-:	.0	.0	.0	-0	٥.	-0	
(1/2	4-10	.:	٠.	•	-0	٠.٥	٠.		.0	.0		•	
	11-21	•3	•	•	.0	.c	.0	.:	.0	.0		•	
	22.	.0	٠.	٠.	-0	.0	. 3	.0	.5	.3		.0	
	101 5	-	•	•	-0	٠.	٠.	.c	.0	.0	•0	•	
	c-3			.=	.0	.5	.:	-c	.c	.0	.0	.5	
1/2<1	4-10			.c	.0	-5	.:	.0	•	.0		•	
	11-21		٤.	.0	-3	.0	.0	• 0	٠.	-0		.0	
	22.	٥.	.0	.0	-0	.0	-6		.0	.0		.0	
	101 1	•	-c	ء.	-0	-0	-0	.c	•	.:	-0	•	
	0-5	٠٤	.2	.c	-0	-0	.0	.0	•0	٠.	٠.	-0	
142	4-10	-0	.0	3.	-0	-0	-0	•	•	٠.		•	
	11-71		-0	•:	.0	.0	•	٠.	.0	.0		•	
	22*	•0	.0	. 7	-0	.0	.c		•с			٠.	
	TOT &	٠.	.0		.:	.0	•	•	•	.c	.0	•	
	3-3	٠.	.c		٠.	.c	-0	.0	.0	.0	•	•	
2<5	4-10	•	•	•	•	•	.0	.0	- 1	.0		• 2	
	2:-71	-0	•	•	-3	0	٠.	.:	-0	-0		-1	
	22.	-0	•	•	.5	-0		.0	-0	.0		•	
	TCT %	•	-1	- 2	•	•	.5	-5	- 1	-c	•	.3	
	C+3	-1		. 1	- 3	•	•	•	•	.5	.5	. 9	
5410	4-12	• 3	. 3	- 3	- 2	•	•	. 1	• 2	-0		3.4	
	11-24	• 1			•	.0	•	•	- 1	-0		1.0	
	22.	-0	- 1	•:	-0	•	.5	.0	•	•€		-1	
	161 1	-5	٠.	. *	.2	-1	••	.2	. 3	-5		3.5	
	6-3	2.5	2.0	2.3	••	.5	.5	1.1	1	.c	4.7	71.6	
10.	4-10	:6.,	12.5	.:.1	2.	2+3	1.3	3. *	6.1			-6.	
	11-51	2	7.6	10.2		• • •	-:	. 5	:-?			22.5	
	27.	٠.	٠,	1.1	•	.0	٠.	•	•	٠.:		2.2	
	101 3	15.1	>3.5	74.7	• • 5	1.7	1.4		٠.٠	.0	4.7	94.5	
	101 GAS												136
	101 201	4.4	**	70.0	a . 7	7.3		7	6.4	. 3	12.2	100-0	

FEBRULDY

P[ @ 100:	(1044124)	1955-1979
	ICUED-ALL L	1111 1010

TABLE 10

APEA OCOP GUATEMALA SE COAST 12-Oh 91.Om

PEPCENT	FREQUENCY	OF -	CEILING	HETCHTS	IFEET.AH	34/61	445

(G=I)	200 145	150 259	300 599	609	1000	7600 3499	3500 4949	500C	6500 7599	6000-	J6101	5H (5/8 457 HGT	
62603	• 1	.0	•0			. 5	-2	- 1	٠.	.1	2.7	97.3	1617
04609	. 3	.5	-1	. 7	:.0	.5	.5	.:	.1	.1	3.6	96.	1513
12615	.5									.5			1503
16621	-2											94.4	
101 PC1	9	1	5	56	101	75	37	G	,				6271

\*4066-11

111 1 12

		052,164	FAFCAL	24 15-	Y (5.43	E Y 34" 35		4.	145 P	ر مر ان مر	JF 214	res e Na ara	158	170/09
HEUK Cumīl	<1/2	./2(.	1 < 2	245	54.0	10.	*.*s	, 7 <u>9</u> 7, 4; 1		· 5-	·.c.^	1000-	\$5. './e	*****
20193	••	.1	•-	.3	2.2	57.5	15* "	10423	.1	٠.	.:	2.*	v*.2	:553
06659	.1	.1	-1	.5	4.7	54.5	1+3+	CPEEc	٠.	٠.	:	2.4	45.7	1454
12615	. 1	•0	-1	- 2	•.5	45.1	1622	12015	-1	٠.	2.0	+.7	*1.1	1932
16621	•0	٠,	.0	•1	2.9	66.9	2060	10121	. 3		1.5		94.1	1554
161	3	2	?	22	270	7259	7566	tet	10		*6	235		5064

14PLE 13

7491 F 10

								1 16**	TOTAL	P5*		PED	CENT FO	EGUENC	T OF 4	110 61	PEC110	N 57 T	Į = P	
TEPP F	0-29	3C-3*	-0-44	50-59	40-49	70-74	40-49	ec-100	285	. 962		<b>S</b> E	ŧ	58	5	Sh		44	WAR	CAL=
90/44	.0	::	-1	-1		.1	•	.0	•1	. 7	-1	.1	.3	•1	.0			-1	.0	
80/64	.0		• 1	1.7			14.5	2.5	362 3537	60.2	2-1	12.9	2.7		. !	. 1	4	.;	.0	
75/79	.0	•5	• • •	•\$	1.7	13.7	13.2	5.1	16:7	30.9	5.2	2.5	16.6	3.1	1.5		3.5	2.7	2. 0.	3.7
TOTAL	0	•8	12	124		2597	170t	500	97 5879	100.0	-5	. 4	. 3	•	•	•	• •	•	.0	• 2
PCT	.0	٠,	.,	2-1	16.1			6.5			15.6	24.2	27.1	**5	2.0	1.6	4.9	٧.6	.c	12-5

120LE 15

TABLE 14

	C-234		3 240	P: #([,		C. IF	(0)	G F3 #	ACON		PEPC	EST FRE	CUENCY	OF PELS	TIVE W	P110114		2
POUR (6=1) 00:03 04:09 12:15 18:21 10:1		\$8 88 88 88 90 86	#57 #7 #2 #2 #6	501 61 60 79 82 80	52 77 76 75 77 76	7- 73 73 75 75	48 69 70 70	#[4% #3.0 79.5 79.2 #7.3 #5.4	1845 1832 7121	HOUP (G=1) COED3 C+EQ4 12515 18521 101		30-59 2-5 1-0 -9 4-5	22.5 8.4 6.4	47.6 43.1 40.1	21.5 36.1 36.3	11.4	75	101AL 085 1537 1670 1653 1586

PERIOD: (PRIMARY) 1953-1976 (GLER-ALL) 1871-1974 TABLE 17 APER DOOP GUATEMALA SW COAST

PC. LMES OL TIM ICAMERITYE (DEC L) AND THE OCCIMENTE OL LOC (PITHOR) AMECIMITATIONS

#10-5t 1	es	73	72	61	• 5	. 9	>92	101		W.C	
THE SIF	72	75	*0	44	6.4	92			FGG	FOG	
17-19	.0	-0	٠.	٠.0			-0	3	.0	•	
14/16		-5	- 0	- 1	•	٠.	•	9		- 1	
11/13	•	- 0		.:	- 1	. 1	•	30	.0	.5	
4/16	• :	.0	- 1	. 2		• 2	•	54	٠.		
7/#	.0			. 7	. 7	. 3	•	145	.0	2.1	
	.0					- 11		45	.0	1.4	
5		- 1		1.0	. 7		-0	167		2.6	
		- 2	. 5	7.1	1.2			240	.0	4.4	
3		. 3	1.0	2.1	1.0	•	.c	245	•	4.4	
3 2			2.3	5.1		.6	.5	161		5.6	
ī	-0		3.1		.;	.e	.c	632	•	9,7	
i C	-:	.;	6.7	6.0		.:	٠.	1115	•	17.1	
-1	•	.6		6.4	.;	٠:	.5	196	.c	13.7	
- :			7,7	* 7	•	.0	ě	452	•••	13.0	
- 3			5.5	7.5			.c	545		3.4	
			4,6				.c	3 - 7		5.9	
-5			2.5	. 5						3.3	
••		.7	1.4	.;	•	.5	.č	121	•	1.6	
-7/-8	.0	::		::	٠.	.5				1.3	
-9/-12	•		. 2	-:	::	ě	ŝ.	26	3:	***	
-11/-17		•	•:		.0			٠;		::	
-14/-16			٤.		.5	::	:5	ź		•:	
TOTAL		-	2917		405	• •	• • • •	•	٠;		
	2:	160	1.	27+0	4.3	::	•	1525	•	5512	
667			44 7					100.0			

#EF10D: #GVER-#LL1 1953-1974

TARLE 1e

PCT FPEC OF WIND SPEED (175) AND DIRECTION VERSUS SEA HEIGHTS (FT) \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* PCT 3.4 P.7 S.8 Z.2 1.C ... C ronous recessions cooper. HC 1 C1 23-4 1 1-2 33-4 1 1-1 12-1 13-1 14-1 17-1-23-25 23-37 23-37 41-48 40-60 41-76 71-36 61-76 71-36 34-27 3007647770000000000000000 1.57 210022 100000000000000000

								\${\$#\j10\								
bislor	: (246)	3[[]	1643-1	177				TABLE 18 100NT	,			£ -	12.5	,,,,; ;; ;;		44.1
								1+*53 ZN" DIRE								
							: 111.	14.21 78. 5146		(6.24)	N- 2 - 41 13					
				2							5.					
-61 (;	1-:	*-12	11.51	22-33	.0		*61		4-13	11-11	22-13	347	46.	PC:		
3-2	. i	.;					.,	::	.2	2.	.c		.5	. 5		
3-4	7		.,				.;	•		· •		<u>:</u> ~	.5	:;		
5-e	٠.5	- 1	- 1	.0		٠.	.;	••	.,			:-		::		
7	.0	.^		.0			.:	-5			- :		. 0	٠.		
ş-•	•_	٤.	•:	.:	••	.0	• •	.0	•	٠.	•••		.^	.5		
10-11	:3			3. 3.	.â	- :	÷	.5	.0	٦.			.5			
13-14				::		.5	::	• 5	:2	9. 5.	••	•••	•5	.5		
17-19	::	:5		::	::		::					::		ž		
20-22	.0							.c				- :-				
23-25		.0	٠.	.5	.0		.5		- 3	٠.						
56-35	.0	.5		.c	. 2	3.	.:	ž.		.:			.6			
33-40	• • • •	.0	٠,٠	•¢	٠.	.0	.:	.0		٠.	.0	••	٠.			
41-48	٠.:	٠.	-5	••	•5	••	.:	••	.:		.=	• (	.*	٠.:		
61-70	.:	ç. 3.	ĵ:	3. 3.	. 3	٠.	.:	••		2.	٠.		• 1	• •		
71-16	ě		::	.5	.3	.: ::	 3.	.5	.0	3.	::	3.	.s	.:		
67.	::	;;	::	·		::				• • • • • • • • • • • • • • • • • • • •			.0	.0		
TOT PC1	. 3	1.0				- ::	1.9		1		ž		::	1.3		
													-			
															10111	
HC?	1-3	4-10	11-71	27-23	34-47		>C1	1-3	6-37	11-7:	22-33	37		PC:		
<1	••		٠.	-1	.:	.:	1.4	.,	:.7	.7			٠.	2.6	•	
1-2	- :	1.7	. 1	.0	. 7		2.3	.5	:.:	• • •	.:	.5	.0	4.3		
3-4 5-5	.1	• • • •	- 1	.0	• •	٠.	. 5	•		. 5	- 1		- 3	1.5		
3,3	.5	.: .c	.5	.5	:2	.c	::	.5	.2	• 2	-0	:2	• 2	• • •		
4-6	.č	::	G	 3.		::		3.	-1	.1	.:		•:	- 2		
10-11				::	. 5	ة:		:5	:5	-:	::	::		• 3		
12	٠.:	٠.	.c						.5	.c		. •	Ĩ			
13-15	:8	٠.	٠:	٠.		.5		٠.	٠,	-6	3.		.5	.,,		
17-16		ء.	••	.0		٠.	٠.	.0	-5		.c		.0	3.		
20-22	٠.	٠.	• .	٠.	•:	.:	.:	.:		٠.	.5	••	٠.			
25-25	.c	3. 3.		.c	• •	-0	٠.	.5	-0	•:	.5	•:		£		
13-90		::	::	·:	٥.	:\$	.:	.0	·:	3.	.o	o. o.	::	٦.		
41-46			•		e	3.	::	::	::	3.	::	:-				
45-40	.5		• •			.5	.5	::	:5	7.	::	:-	ě			
41-70	.0	٠.	.2		. 5	.:	٠.	.5	٠.			.e	.0	. 5		
71-66	٥.	٠.	•¢	.0		.c	.:	.:	.:		.5		. 5	.0		
67*	. • 5	٦-٤	• • •	.5	. 3	٠.	.:	.ç	.:	٠.	.:	• •	- (	.5		
161 PE1	1.1	3-5	.2	-1	٠.	ء.	•.3	1.2		1.5	- 1	••	٠.	9.1	41.3	

Medical Control of the Control of th

	-150	SPEES	<b>14:2</b> 1	*2 264	<b>MEISH</b> *	1511		
+61	2-5	10	11-51	55-33	30-03	***	PCT	*67
< 1	14.3	4.7		. 1	.:	٠.	24.5	
1-2	3.5	25.6	5.0	.5		::		
3-4		1^.6	6.9					
5-6	.0	2.5	4.5	:.1				
7	-5	. 5	1.5					
4-6		- 1	1.7	. 7	-1	.0		
16-11						٠.٤	1.0	
17	.5	.5	. 1	.0				
13-14	•ē		.0		.0	s.		
17-19	-0	.c	٠.5	٥.	ع۔			
20-22	-0	.c	.=	.5				
23-24	-0	.:	٦.			-0	٠.٠	
26-32	.ē		3.					
23-40	-5	.:		.0		.5		
.1	٠.	٠.:	.5	.0	-=			
49 60	.0	ء.	٠.	.0	- :	.5		
<b>₩1-?</b> ^	٤.	.9	٠.	.3		.0		
71-84	.2			.:	-5	.5	.3	
47-	.0			.0	.:	·£		
								1.07
tot PCI	18.7	\$5.1	77.1	•.3	-1	٠.	100.0	

<b>6691</b> 0	3: (61	[ + L L	.1 :44		•				****	1.											
					*[=[[*	1 625	CUFNCT :		E HET	S=7 (F	T1 =5	*146 *	27143	ISECON	251						
*E*100	<1	1-2	3-•	5-4	7	4-5	19-11	12	37-16	17-16	20-55	22-25	24-32	33-40	-16	**-*0	42-70	71-46	47-	TOTAL	#£1%
<4	7.2	14.5	15.7	5-4	2.+	1-1	.2	•		- 1			-0				.3		.5	2444	
6-7	.1	2.3	4.2	6.4	3.1	1.2	- 4		-1	•		.5	-6		:					10.0	•
4-7	•		1.*	2.0	1.5	5	. •	-2	-:	-1	٦.		-5							178	
15-11	.0					-3	- 1	•	•				.0	.0	٠.:		.c	.c		170	į
12-13	-c	.0	-7			-:	- 1	.с	•	.c	•	.5	-6	-0	.0		.=			73	
>13	.c	٠.		- :	.:	- 1	•	•	-0	.:	.¢	.:	-0		.0					24	,
INDET	9.2	2.0	1.0		. •	• 2	• 2	- 1	-1		.0	.0	-5	.0	.0			- 5		744	•
PCT	457 16-6	1257	1377 26.7	474 17.0	8.7	3.4		32	19	11		.0	3.				.0	-0	.0	\$160	3

APER COOP GUATEMALA SE CORST 12.0% 91.0%

 *****	*5	 93/3980330	 -140	DIRECTION

				orc:r:	19110	. *198					01-64	*******	PHEND	rens	
*** 610	P# 1%	PAIR Smal	ÇPZL	FAIC PCFA	5404	FRIA FRIA PCPA	<b>~41</b> L	PC*4 #1 C# 11HE	PCFN FAST POUR	THOP E ISA	FCPN	FOF #0 PCP% PAST #8	547#E 4#2E	SPRAT BLAS DUST PLAS SNOW	
	• 2	٠.	.:	٠.	.n	-¢	٠.	.2	.•	-2	•	.:	3.5	-:	45.3
NE.	•		- 1	.0	.0	.0	٦.	- 1	• 7		- 2	.:	2.0	-:	47.5
ť.	-1	.1	• 1	٠.				. 3	-1	,	.2	.:	2.0	-1	47.2
5€	.0		٠.	٠.	.6		٠.	- 3	•		.0	.0	4.4	.c	**.0
\$							.0	• •	. 4	.0	. 5	.0	4.2	.0	41.8
Še	.0			3.	• f,		٥.		.:	1.0	1.0	٠.	4.1		49.3
-			.:	.:		.0	.0			.:	. 2	.5	* . 3	.0	93.7
N-L	.:	.1				.0	٠.	- 3		. 2	- 1	.0	3.1	.0	46.0
120				.:		.0		.5	.0		٠.	.:	3.		.ė
CTF.	.3	.1	.:	٤.	ء.	-0	.0	-1	•2	-5	- 1	.5	7.5	٠.5	*1.5
101 PC1 161 065:	.1 7503	•1	•	.:	٦.	.¢	.:	-5	••	• 2	-2	.0	3.7	•	45.4

#### TABLE 2

### PERCENT EMEGLENCY OF MEATHER COCCURRENCE BY HOUR

			,	P { C ! ~ !	:#1:64	*106					C1-[*	*[#T#[P	PHFNO	4541	
+0.0 66=11	PAIN	**:* 5~-2	eazı	FR76 PCPN	SNC.	ETHED FRZL FCPL	HAIL	PEPS AT CE TIME	PCP4 PAST HOLF	THOS E 145		F05 =0 F09 =0	5#6+6 ##76	39944 61#6 5025 39944	
00503 06104 12615 19621	.0 .1 .3	::	::	3. 3. 3.	.: ::	.0	.: .: .:	.:	::	.1	.:	.0	1.5 3.2 4.7 3.5	•:	46.6 45.3 43.2 45.5
161 PE1	;;	-1	•	-:	٠.	-0	.:	•2	•:	• !	• 2	.5	3.6	•	45.3

#### -

### PERCENTICE FORGUENCY OF MINE DIRECTION BY SPEED AND BY HOLD

		-:-	^ SPF1	C (#30)	51								HCLP	15-11			
-12 212	~- 3	4-17	:1-21	22-23 3	14-47	48-	JETAL	451	P[ 45	22	<b>C3</b>	C+	64	12	25	14	21
							C#S	FPE	5P0								
<b>.</b>	3.0	+.6	1.3	. 1	.5			14.1		7.7	16.4	14.4	14.0	19.6	14-1	15.3	12-2
v.	2.7	15.4	5.*	. 4	•	-0		14.3	4.5	24.7	15.4	15.	71.4	21.4	25-2	22.5	20.7
	2-2	11.5	7.1	1.2	٠.	.3		20.0	15.4	26.1	: 4.3	14.7	21.4	20.4	25.2	31.1	30.4
31	1.7	• - 5	1.2	•	.6	. e		6.6	7.6	17-4	4.4	7.5	11.	3.4	4-1	*.2	4.5
5	.7	1.4	-1		.:	.:		2.4	2.7	4.4	1.7	2.:	1.4	1.4	2.0	1.5	7.4
5.		1 - 6		.^	٠.	.c		2.7	4.5	3.4	1.3	2.3	2.0		2.5	:.?	7.2
	1	4.3	. 7	• 5	.0			4.4	4.5	4.0	14.1	7.1	5.4	5.2	4.3	• . 1	7.4
٠.	2.0	4.0	1.2	•	.0	.0		11-7	6.7		23-5	1:-1	5.4	13-3	7.7	10.4	7.2
742	-:	.:	٠.:	-5	.:	.:		.c	.c		٠.	-0		.0	٠.	. 0	-c
CIL-	.7.1							12-1	.:	4.5	11.5	19.3			16.*	4.2	7.4
151 CES	2145	200	2714	143			*532		7-5	1944	131	1464	14,	:430	221	2100	215
tet .c.	25.4	52.3		2-1	-1			.55.0		100.0	:::.:	ICC.C	100-0	100.0	100.2	160.0	163.0

T491E 34

		. ive	39583	******						#CU	15-1	,
-10 DIE	5-L	7-14	1*-27	24-45	41-	TOTAL	* C T	-[44	50	26	::	::
						C+ S	es e c	1.0	\$3	20	13	71
	6.7	5.2	- 2	•	.0		14.1	4.4	7.5	: 4.3	24.3	15.0
<b>%</b> £	7.0	15.3	2.7	.,	-6		19.3	4.4	16.0	14.0	21.4	22.4
ŧ	7.1	13-3	4.3	.,	-6		24.5	10.4	27.5	14.0	21-3	31-1
51	5.4	2.2	. 3				4.4	7.4	12.2	7.0	3.7	4.2
\$					٠.٤		2.4	5.7	• • • •	2.1	1.6	1-6
5.	1.7	1.0	.:	-=	.:		2.7		٠.5	2.4	1.6	2.4
	3.7	2.6			- 0			4.5	4.2	7.0	5-1	4.4
		7			-=		11-2	4.7	9.2	:2.4	12.7	10.4
.10	٠.۵						3.	- 0	. 5	-0		.0
C 4L=	12.1						12-1		4.3			
290 191	4414	3-69	611	3e	5	4532		7.5	2592	2041	205*	2314
***			- ;-;	*:	-							120 0

\*166 550

MAKCH

PERIOD (POINARY) 1953-1979 10-68-ALL) 1570-1979

TAPLE

12-04 PA-DA

The state of the second second

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR CONTI-

				LIND	SPEED 1	rh("s)			PCT	TCTAL
POUR	CALM	1 3	4-10	:1-21	22-33	34-47	48.	4E A N	1260	064
00693	9.3	12.4	56.2	21.4	.7	•	.0	7.6	100.0	2057
05604	16.9	14.3	* * . )	11.6	1.0	.0	.0	8.4	100.0	2061
12415	14.5	34.0	51.1	16.5	2.4	. 1		7.2	100.0	50.0
14671	4.1	11.7	46.5	29.5	4.1	.:	٠,	9.1	100.C	2315
101	1035	1110	***	1716	152	6	t	1.5		5532
<b>₽61</b>	12.1	13.2	52.3	20.1	2.3	. 1	.0		100.0	

TAPLE "

. . . .

٥	CT FEE			CLOC. A		EICHTHS)							CE'L 14			T.NH :		
WND DIR	0-2	3-4	• • 7	3 8 13280	1014L 08*	CLOUP CLER	CLU 149	15C 296	30° 599	600 990	1000	3000 2000	35u0 4669	50.C			4H 45/P ANY HG*	
•	9.0	2.9	2.3	٠.		2.2	•	.0		. 1		٠,٠	. 1	. 1		. 1	17.2	
٨E	17.2	3.0	2.4	٠, د		1.6	•	• D	.0	. 2	. 4		. 7	•	. 1	•	17.4	
ι	18.0	4 . 3	3.2	. 4		3 #	•		•	. 3			1	. 1		- 1	24.2	
32	4.3	1.2	1.0	.1		2.4	•	• 2	.0	- 3	. 1	- 1	. 1	. 1		. 1	£.2	
5	1.4	. 4	. 5	. 1		2.6		.0	.0	•	- 1	. 1	•			•	7.0	
Sk	1.4	. 4	. 3	.1		2.7	•	.0	. U	. 1		•		•	.c	•	2.1	
	3.7	1.2	1.0	. 2		2.3	.5	.0	•	. 1	.2		•	•	.0	•	٠.٠	
N#	7.1	2 . 3	1.7			2.3	•	.0		. 2	. 2	• 1	- 1	•	•	•	1.	
YAR	.0	.0	.0	•0		.0	.0	.0	.0	. 0	.0	.0	.0	.0	.0	.0	• 0	
CALM	A . 4	1.0	1.5	. 3		1.4	.0	٠.	•	. 2		. 1	. 1		•		11.1	
101 085	4295	1139	457	175	6466	2.0	À	2		79	: < 6	98	47	2.2	12	53	60GA	6464
101 961	66.4	17.6	13.3	2.7	100.0		. 1	•	. 1	1.2	2.5	1.5	. 7	. 3	. 2	. 4	\$2.5	100.1

TAPLE

CUMULATIVE ACT FREQ OF SIMULTANFOUS OCCURRENCE OF CETLING HEIGHT (NH >4/8) AND V55" (NH)

					AZMA ENN	,			
	ILING	= CH	= ^p	: OR	2 OR	= OP	= 08	= 0R	= CB
U	(FT)	>10	>5	>2	>1	>1/2	>1/4	>5010	>0
٥s	>6500	. 5	• 5	•5	.5	.5	.5	.5	. 5
٥R	>5000	. 8	. 9		. 9	. 0	. 9	. •	. 9
OR	>3500	1.4	1.6	1.6	1.6	1.6	1.6	1.6	1.6
0R	>2000	2.8	3.0	3.1	3.1	3.1	3.1	3.1	3.1
90	>1000	5.0	5.5	5.5	5.5	5.5	5.5	5.5	5.5
ÇR	>6C0	6.0	6.6	6.7	6.7	6.7	6,7	6.7	6.7
٥R	>300	6-1	6.7		6.8	6.0	6.9	6.9	6.9
OR.	>150	6.1	6.7	6.9	6.4	6.9	6.9	6.7	6.9
OR	> 0	6.2	6.5	7.0	7.0	7.5	7.0	7.0	7.0
	TOTAL	409	4 4 3	462	463	454	464	464	404
	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	02 >6500 02 >55000 02 >5000 03 >5000 04 >3500 05 >1000 05 >1000 07 >1000 07 >150 08 > 0	08 36500 -5 08 35000 -6 08 35000 -6 08 35000 2-8 08 32000 2-8 09 31000 5-0 08 3300 6-1 08 3100 6-1 08 3100 6-2 08 3100 6-2 08 3100 6-2	1	10   10   10   10   10   10   10   10	1	1	1	22   5500   -5   -5   -5   -5   -5   -5

TOTAL NUMBER OF CRS: 6623

PCT FPEC NH 45/8: 93.0

TABLE 7A

PERCENTAGE FREG OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 0RSCN 08S

							MA	RCH									
PEGIOD (PRIMARY) 1 (OVER-ALL) 1							748	LE S				ARE	, 0009	GUAT 2.04	PI.OF	sw co	)AST
		PE	PCENT								191111		r or				
75FY (NP)		*	NE	Ł	SE	\$	Sw	٠	AV	VAP	CALM	PCT	TOTAL				
<1/2	PCP NO PCP	.0	.?	•0	•0	.0	.0	•0	.0	.0	.0	.0					

(NP)		~	76		36	,	214	•	**	445	(4(-	,,,,	085
	PCP	•0	. ?	•0	•0	.0	.0	.0	•0	• 0	.0	. ?	
(1/2	NO PCP	.0	.0	.0	.0	.0	. C	.0	.0	.0	.0	.0	
	101 1	.0	• 0	•0	• 0	• ?	.0	•0	•0	•0	.0	•0	
	PCP	.2	.0	.0	•0	.0	.0	•0	.0	٠.	•0	.0	
1/2(1	NO PCP	.0	.0	•	-C	-0	•	.0		.0	.0	•	
	101 1	• 2	• 2	•	c	-0	•	•0	•	.0	• 5	•	
	PCP	.0	.0	.c	.c	.0	•0	.0	-0	٠.	.0	.0	
145	NO PCP	.0	• 5	•	.0	.0	• ?	•	•C	.0	• 0	. 1	
	ioi t	٠.	.0	•	•0	.0	•0	•	• 0	.0	.0	- 1	
	PCP	.c	• 2		.0	•0	•0	•0		. 0	.0		
255	NO POP	•	•			•	- 1	. 1		٠,	. 1	. 4	
	.07 %	•	•	. 1	•	•	- 1	-1	•	.0	. 1	٠,	
	PCP	•		•	.0	•	•0	۰0	•0	٠.٥	.0	. 1	
5<10	NO PCP	. ?		. 9	. 4	.2	- 3	. 4	. 6	.0	. 9	5.2	
	101 1	. 7	. 9	.9	. 4	• 2	- 3	.4	•6	•0	. •	5.2	
	PCP		. 2	•	•	.0	•		•	.0		- 1	
10+	NO FOF	13.7	10.5	24 1	4.5	2.2	2.2	5.6	10.6	.0	10.0	94.1	
	101 1	13.7	14.5	24.1	6.5	2.2	2.2	5.6	10.6	•0	10.8	94.2	
	TOT CRS												7680
	TOT PCT	14.4	19.5	25.1	6.9	2.4	2.5	6.1	11.5	.0	11.8	100.0	

TABLE 9

								•					
				PERCEN					VS WI		ED		
VSPY (N=)	SPD KTS	•	NE	ε	SE	s	Su	•	NW	VAR	CALP	PCI	TOTAL
(NP)	0-3	.0	.0	-0	.0	•0	.0	.0	.0	.0	٥.	.0	062
(1/2	4-10	3.	.č	•••	••	••		•••	.0	.0	••	•••	
	11-21	.0		٠.	۰۰	•0	žč					-0	
	22.			.5	.0		.c	.0	.0	.č		.0	
	ICI &	.0	.c	•	•	•	.c	•	.0	•0	•0	•	
	0-3	.0	.0	.0	.0	.0	•	.0	.0	·c	.0	•	
1/2<1	4-16	.0	•	•	.0	.0	.0	.0	•	-0		•	
	11-21	.0	.0	• 0	.0	.0	.0	- C	.0	• 0		•0	
	22+	۰٥	.0	•0	• 0	٠.	.0	•0	.0	•0	_	•0	
	101 1	•0	•	•	.0	•0	•	• C	•	•0	.0	-1	
	0-3	-0	.0	.0	٠.	٥٠	.0	•	.0	•0	.0	•	
1 (2	4-10	.0	.0	•	.0	•0	.3	٠.5	•	•0		•	
	11-21	•0	.0	•	.0	• 0	.0	-0	٠.0	•0		•	
	22.	.0	÷	•0	•0	•с	•0	•0	.0	•0	_	•0	
	101 1	•0	.0	•	.0	.0	.0	•	•	•0	.с	• 1	
	0-3	.0	•	•	•	•	. 6	• C	.0	۰٥	. 1	• 1	
2<5	4-10	•	. 1	•	•	•	. 1	•	•	.0		• 3	
	11-21	•	•	• 1	.0	.0	.0	•	•	•0		-1	
	22.	•0	•	•0	.0	•0	.0	-c	•0	.0		•	
	101 1	•	- 1	• 1	.1	•	. 1	- 1	.1	•0	. 1	• •	
	0-3	.2	.1	. 2	. 1	•	•	•	. 1	.0	.9	1.7	
5<10		-4	. 4	. 3	•2	• 2	.2	. 3	. 4	•0		2.4	
	11-21	- 1	. 3	. 3	. 1	•0	•	•	•	.0		.9	
	22.	•	- 1	. 1	.0	•0	.0	٠.	.0	•0		• 1	
	ter r	.7	. 9	. 9	.4	.2	.2	••	.6	.0	.9	5.1	
	0-3	2.8	2.0	2.5	1.7	. 6	.7	1.2	1.9	.0	11.1	23.3	
10+	4-10	9.6	9.9	11.5	4.2	1.4	1.4	3.8	7.5	•0		49.5	
	11 21	1 • 2	5.6	9.3	1.1	• 1	•1	٠.	1.1	•0		19.2	
	22* 101 x			1-2	6.5	,·¢	٥.	5.7	10.6	.0	11.1	2.1 94.1	
	101 1	13.6	16.4	24.0	0.5	2.1	2.2	3.7	10.6	•3	11.1	74.1	
	TOT CAS									_			4301
	TOT PC!	14.3	19.4	25.0	6.9	2.4	2.5	6.2	11.2	•0	12.0	100.0	

MARCH

PERIOD: (PRIMARY) 1953-1975 (OVER-ALL) 1870-1979

TABLE 10

AREA COOP GUATEMALA SW COAST

ERCENT	FREQUENCY	OF CE	TLING	HFIGHTS	(FEET.RH	>4/6)	ANT

					•	CONNE.			0 01 .				
HOUR (G=1)								500C			TOTAL	NH C5/8 BNY HGT	
00603	•1	•1	.0	. 7	1.6	1.1	. 7	. 3	.1	.3	5.3	94.7	1405
06609	-1	-0	• 1	. 7	1.2	. 4	. 1	. 2		.3	3.5	96.1	1659
12615	. 3	-0	. 2	1.9	4.5	2.3	1.0	.5	- 1	. 4	11.6	2.03	1724

18621 .0 .0 .2 1.3 2.0 1.4 .9 .3 .2 .3 0.6 93.4 170

TABLE 11 TABLE 12

	•	EPCINI	FREQUEN	C4 7281	r (NH)	FY HOUP		CUMULAT					VSBY 148)	
HOUR (GMT)	<1/2		1<2	2<5	5(10	10+	TOTAL	46#1)	<150 <50YD				NH <5/8	TOTAL
00103	•	•1	.1	.6	3.8	95.4	2102	00603	•7	. 3	1.3	٠.٠	94.3	1724
06609	•1	-1	•	.5	5.3	93.9	2075	06609	•1	. 3	1.5	3.2	95.3	1577
12615	•	•	.1	1.0	6.5	92.3	2079	12615	, 3	.5	3.1	8.8	86.1	1655
18621	.1	•0	.1	. •	*. e	94.6	2264	18621	.1	. 3	5.0	5.4	92.6	1667
101 PC1	.1	. 1	, 7 , 1	53	435 5.1	e013	8620 100.0	101 PC1	10	22	132	362 5.5	6129 92.5	6623 100+0

TABLE 15 TABLE 16

MEANS,EXTREMES AND PERCENTILES OF TEMP (DEG F) BY MOUR

HOUR MAX 99% 95% 50% 5% 1% MIN MEAN TOTAL

OBS 1671

OBS 167

PARCH

PERIOG: (PRIMARY) 1953-1976 (OVER-ALE) 1870-1979

746LE 17

APER GOOD GUATEMALA SV COAST

							,					12.04	91
38	OF AIR	TEMPER	YS A	E (0 IR-5	EG F) FA TEH	AND PERA	THE OC	CUPRE!	NCE OF	FOG (WITH	4GUT P	RECIPITATI	0 N J
	AIR-SEA	હ ક	£ 9	7	3 77	8	1 85	89	>92	101			
	tes Dit	68	72	7	b 80				,,,	101	FCG	FOS	
	14/16	•0	.0				2		.0				
	11/13	.0	.0					. 1		13	٦.	.2	
	9/10	•0							•	2.6	•0	. •	
	7/8	40							-1	65	.0	.8	
	6	. c	.0					- 5	•	127	.0	1.7	
	÷		.0	• • • • • • • • • • • • • • • • • • • •				• 2	.0	121	.0	1.6	
	4	·ŏ			• • •			. 3	٠.0	200	•0	2.7	
	į		.0				1.7	• 2	·c	304	.0	4.3	
	ž		:	• 1				- 1	٠.	310		4.2	
	í	•0	٠.	• 1				- 1	•0	643		1.6	
	ò	• 0	•	- 1				.0	•0	636		8.5	
		40	•	٠, ٩				•	٠.	1254		16.8	
	- 1	٠.	.0	. 3			. 7		.0	992	•	13.2	
	->	۰0	•	. 2	4.7	A.3	. 3	.0	.0	1013		13.5	
	- 3	.0	•		3.5	4.3		.0		610			
	-4	• 0	•		3.5			·ó		520		8.1	
	-5	.0		. 5					.0	314	.0	7.0	
	- 6	.0	.0	. 2		.6		.0				4.2	
	-7/-4	.0	.0	. 3		. 3		.0		159	.0	2.1	
	-9/-10	.0				•			٠.	114	•	1.5	
	-11/-13	.0			•		.0	-0	•0	31	.0	. 4	
	-14/-16	•	•0	ċ			.0	•0	•0	9	. ?	.1	
	TOTAL	1	••		•0	.0	.0	•0	-0	3	.0		
		•		222		4050		131			14	7451	
	PCT	_	16		2113		923		•	7465			
			. >		24.1								

PERIOD: (OVER-ALL) 1963-1970

TAPLE 10

				P	T FPEC	OF WIND	SPEED	(KTS) AND DIR	ECTION	VEPSUS :	SEA HEI	GHTS (FT	)	
HGT	1-3	4-1C	11-21	22-33	34-47	48+	PCT				NE			
<1	- 5	2.1	.0	٥.			2.6	1-3		11-21	22-33	34-47	48+	PCT
1-2	.6	5.9	. 7	•0	.0	.0	7.2	1.3	1.8		•0	.0	.0	2.9
3-4	•2	1.4	.7	• 1	3.	.č	2.4	.6	4.4	₹.0	•0	.0	.0	7.0
5-6	-0	• 2	•2	• D	.0		3	::	2.5	3.2	•5	.0	•0	6.1
7 4-9	• 0	•0	. 3	.0	.0	.0		:6	.6	2.7	•2	.0	.0	3.5
10-11	.0	٠.	•	•0	.0	. 5	•	.0	.1	.6	-6	•	•0	1.2
12	.0	• 6	٥.	.0	. 2	.0	.0		•0	.1	.5	.0	•0	.7
13-16	.0	٠.	• [	•0	.0	.0	.0					•0	•0	- 3
17-19	.0	•0	•0	•0	.0	.0	. c	.0	.0	3.		.0	.0	•
20-22	.0	.0	•0	•0	.0	.c	.0	.0	.0	.0	::	•0	• 0	• 1
23-25	.0		•6	•0	.0	.0	.0	.0	.0		.0	.0	.0	.0
26-32		.0	•0	-0	.0	.0	.0	.0	.0		.0	.0	•0	•0
33-40	.č		3.	•0	• 0	.0	.5	.0	.0				.0	-0
41-46	.0		.0	•0	• 0	.c	.0	•0	.0	.0		.0	.0	•0
49-60	.0	٥.	.0	-0	.0	.0	.0	.0	• C	.0		.0		.0
61-70				.0 .0	• 6	.0	.0	.0	.0	.0				.0
71-66	.0		.0		.2	.0	. ?	•0	• 0	•0	•0		.6	:0
67+	.0	.0	.0		.0	.0	.0	•0	-0	• 0	.0			
TOT PCT	1.3	9.6	1.5	.1	.0	.0	.0	.0	.0	•0	.0	.0	.0	.0
	•		•••	• • •	• 0	.0	13.0	1.6	9.4	8.9	1.8	•	.0	22.0
HGT	1-3	٠.	:1-2:	E 27-33	34-47						se			
< 1	.5	1		.0	,	•6•	PCI	1-3	4-10	11-21	22-33	34-47	48.	PCT
1-2	.5	6.1	2.3	.0	ič		2.0	.3	. •	. '	.0	•0	.0	. 8
3-4	•	3.7	6.2		.0		10.3	•2	2.1	• 3	-0	٠.	.0	2.6
5-6	.0	1.2	3.3	. 4	.0	.č	4.6	:	1.2		-0	•0	.0	2.0
7	•0	. 3	2.1		- ;		3.0	•0	. 2	. 5	.0	• C	•0	.7
8-9	•0	•	. 3		.0		3.5	•0	• 1	• ?	.0	٠.	.0	.2
10-11	.0	.0	-1	. 3	.0	.c	. 3	.5	•0	-1	•	•0	.0	.1
12	•5	-0	.0	-2			ž	.0	.0	.0	•0	- C	•0	.0
13-16	•0	-0	.0	. 1	•	.0	.2	ä	.0	•0	-0	-5	•0	.0
20-22	.0	•0	٠.	-0	.0	.0	.0	::		.0	•0	•0	.0	.0
23-25 -	0.	.0	.0	.0	٠.0	.0	.0		.5		•0	• C	•0	.0
26-32		٠.	٦.	.0	.0	.0	.5	:0	: 3	•0	•0	-0	•0	•0
33-40	.0	.0	.6	.0	. 0	.0	.0			•0	-0	•0	•0	.0
41-46	.0	.0	.0	• 0	٠.	.0	.0	:0		-0	.0	•0	•0	٠.c
49-6C	•0	•0	9.0	-0	.0	•6	.0	.0		.0	.0	-0	•0	.0
61-76	.0	.0	•0	.0	.0	.0	• 0	.0		:0	.0	•0	.0	.0
71-76		.0	.0	.0	٠.	.0	.0	.0		.0		.0		•0
87*		.0	.0	.0	•0	•0	.0	.0	.š			.0	.0	٠0
101 PCT	1.1	12.7	14.2	2.3	• 0	.5	.0	.0	• C	'n		.0	.0	. D
,			14.5	2.3	• 1	-0	30.5	.4	4.G	2.0	•	.č	.0	4.9

	MIND	SPEED	(×751	¥5 3E#	HE IGHT	(FT)		
HGI	0-3	4-10	11-21	22-33	34-47	48.	PCT	101
								CBS
<1	13.3	4.6	. 2	.0	•с	٠.	25.5	
1-2	3.6	26.6	6.2	.0	. 0	-0	36.3	
3-4	. 9	10.6	11.4	.8	•0	·r	23.7	
5-6	. 1	2.4	6.8	.6	.0	.c	10.0	
7	•0	.4	3.2	1.2	- 1	•C	4.4	
8-9	.0	.1	. 7	. 9	٠.	.0	2.7	
10-11	٠٥.	.0	.2	.5	.0	.0	.7	
12	-0	.0	.0	.2	-0	.0	.2	
13-16	•0	-0	- 0	.2	- 1	.0	. 3	
17-19	.0	.0		.0	- C	.0	.0	
20-22	•0	. 5	٠.	.0	.0	.0	.0	
23-25	.0	.0	.0	.0	.0	-0	.0	
26-32	•0	.0	.c	-0	.5	.0		
33-40	-0	.0	.0	• C	.0		.0	
41-42	•0	.0	.5				.0	
49-50	•0	.0	•0			.0	.c	
61-70	-C	.0			.0	.0	٠.	
71-84	.0	.c	.5			.0	.0	
87+	•0		-0			•0	.č	
•		• • •			•••		•••	1626
101 PC1	14.1		24.7	4.3		- 0	100.0	

PERIOD: (0VER-JLL) 1949-1979 TABLE 19 MAVE HEIGHT (FT) VS WAVE PEPIOD (SECONDS PERIOT (SEC) (6 6-7 8-9 10-11 12-13 >13 INDET TOTAL PCT WEAN HGT 3 5 5 5 5 6 1 3 15.9 6.2 2.3 1.2 .9 .0 1.9 1652 26.3 6.8 .2 .1 .0 .0 10.1 996 17.1 20.4 2.7 1.0 .8 .0 1.7 1554 26.7 5.7 5.2 2.2 .6 .4 .5 1.7 927 .7 .9 .4 .3 .1 .2 155 2.7 0000000000 1.° 2.6 1.2 .5 .2 .2 .5 412 7.1 .2 000000000 000000000 000000000 000000000 0000000000 3021 1092 437 228 104 43 899 5829 .1 .1 .1 .1 ... .1 .1 .1 .1 .2 ... .100.000 . . . . . . . . . . . . . 0000000000 .000000000

TABLE 1

APEA OCOP GUATEMALA SW COAST

on the second and the

PZFCENT FREGUEYCY	OF	RINTARA	OCCURPENCE	BY	4140	DIPECTION	

and the second second second

			\$	e{ ¢ 1 0 1	11:10	N TYPE					01HER	MEATHER	PHENO	MENA	
WHO DIP	AIAG	PAIN SHER	SPZL	FRZG PCPN	5406	OTHER FRZN PCPN	MAIL	PCPN AT	PCON PAST HOUP	THOR LTNG	FOS BO PCPN	FOG WO PCPW PASI HR	SMOKE HAZE	SPRAY BLMG DUST BLMG SNOW	NO SIG WEA
•	.5	. 3	.0	.0	.c	.0	.0	. 9	1.3	. 3	. 4	.0	9.2	.0	67.5
46	.1	.4	. 1	•0	.0	.0	.0	.7	.3	1.5	.5	.0	5.3	.c	*1.8
ŧ	. 6	. 3	. 2	.0	.0	.c	.0	1.0	. 5	. 5	. 4	۰٥	6.1	-0	91.2
SE		. 3	. 1	.0	.0	.0	.0	. 5	1.4	2.5	. 6	•0	7.7	.0	87.2
\$	.0		. 2		.0	.0		. 2	1.1	2.2	. 6	.0	10.1	.0	45.4
Św	- 1	- 1		.0	.0		-0	. 6	1,7	3.5	.0	•0	. 3	•0	85.9
	. 3		٥.	•0	.0	.c		. 5	.7	2.5	. 2	•0	12.3	.0	84.0
4.	.2	- 1	. 1	.0	.0	.0	.0	. 4	.5	2.5	. 5	-0	7.1	.0	88.9
MAP	.0	.6	.0	.0	.0		.0	.0		.0	.0	-0		.0	.0
CALM	٥.	. 3	.c	.c	•0	.0		. 3	.7	1.5	1.0	•0	16.0	.1	80.5
101 PC1 101 085:	7816	. 5	.1	.0	.0	.0	.0	.7		1.5	.\$	•0	6.6	•	87.9

#### TABLE 2

### PERCENT FREQUENCY OF MEATHER OCCUPRENCE BY HOUR

				P[C101	14110	TYPE					93410	WEATHER	PHEND	MENA	
HCU9 (6°1)	PAIN	SAIN SHER	097L	FRZG FCPN	5406	OTHER FRZN PCPN	натц	CB IIME	PCPN PAST HOUR	THOP LTMG	FOG WO PCPN	FOG WO PCPN PAST HR	SHOKE HAZE	SPRAY BLWG DUST BLWG SMOW	
00603 06609 12615 16621	.1 .5 .3	.1 .2 .5	.1 .0 .2	  	.0 .0	.0	.c	.3 1.4 .6	.6 .3 1.6	2.C 4.1	.6	.0 .0	8.7 7.3 9.2 8.9		89.6 87.6 85.2 88.7
101 PC1 101 OES.	6C73	.:	- 1	٥.	•0	.0	•0	.7	.•	1.6	.5	٠.	ŧ.5	•	87.4

#### TABLE 3

## PERCENTAGE FREGUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		¥ I ?	N 5PE	E IKBO	121								HOUR	(G#T)			
AND 016	0-1	*-1C	11-21	55-33	34-47	•6•	TOTAL	FREC	SPO	CD	63	06	ΩĐ	12	15	18	21
×	2.5	6.6	. 9	•	.0	. 3		10.0	6.2	5+0	4.5	8.7	7.6	15.7	13.6	11.7	9.6
۸E	2.1	8.3	3.5	. 3	• 1	٠.		14.2	8.8	11.7	7.6	10.2	14.1	16.0	20.4	17.0	15.3
τ	2.5	12.6	9.2	1.0	•	.0		25.4	10.5	27.7	16.6	18.0	18.6	23.4	22.4	33.0	23.3
SE	1.6	6.5	2 • 2	- 1	.0	.0		10.3	6.0	17.6	15.5	11.7	9.1	4.6	4.7	7.3	10.6
\$	1.1	2.4	. 3	.0	.0	.0		4.2	5.8	6.0	5.9	4.8	4.9	2.3	3.9	2.4	4.7
Su	1.2	2.6	• 2	.0	.0	.0		3.6	5.9	5.0	7.4	4.5	3.0	2.2	3.1	2.5	5.4
	1.6		.6	- 2	.c	. 0		7.8	6.1	6.6	15.5	11.6	7.0	6.6	3.6	4.8	8.5
% W	2.3	7.3			.0			10.4	6.3	6.9		10.7	14.1		15.0		12.7
ATO	.0	. 0	.0	- 0	.5	. 5		٠.		.0	.0	.0	.0				.0
CALM	12.0				• -			13.8	.0	10.5	17.6	20.4	20.7	15.0	9.3	9.3	9.8
TOT OBS	2421	4410	1502	125	7	•	9462		7.0	1914	119	1887	165	1791	*14	2138	193
101 PCT	28.5	52-1	17.7	1.4	- i	.è		100.0		105.0		100.0					

# 14BLE 74

-40 DIR	0-6	#IND 7-15	SPEE 7 17-27	184615) 26-40	•1•	TOTAL ORS	PCT FBF0	WEAN SPD	00 53	36 HOUS	15 15	1 e 21
٠.	6.4	3.5	• 3		.0		10.0	4.2	5.0	8.0	15.4	11.5
NE	6.0	6.6	1 - 3	- 1	-0		14.2	2.5	11.0	10.6	17.2	17.6
ŧ	7.5	13.5	3.9	• • • •	•		25.4	10.5	27.0	18.0	23.3	32.2
\$E	4.7	5.2	.5	•	.0		10.3	e.0	17.5	11.5	5.1	7.6
s	2.9	1.3		-0	.c		4.2	5.6	6.7	4.0	2.5	3.0
28	2.5	1.3	•	-6	.0		3.6	5.9	5.9	4.4	2.3	2.7
¥	5.1	2.7	•	.0	٠.		7.6	6.1	4.1	11.3	6.2	5.1
No	6.5	3.4	- 1	•			10.5	6.3	7.5	11.0	12.0	16.9
WAR	.0	.0	.0	• D	.0				.0	.0	.0	.0
CAL"	13.4						13.8	.0	10.9	20.4	15.1	9.3
TOT CES	4715	1256	466	24	3	4462		7.0	2033	2071	2027	2331
TOT PCT	55.7	38.1	5.3	- 3	•		100.0			100.0		

APRIL

PERIOD: (PRIMARY) 1953-5374 (OVER-ALL) 1562- 979

TABLE 4

APER HOOF GUATEMALA SE COAST

THE PROPERTY OF THE PROPERTY O

PEPCENTAGE PREQUENCY OF WIND SPEED BY HOUR (GHT)

				1.1	SPEEL C	/ NOTS1			PCT	1014
<b>≠eus</b>	CALM	1 - 3	10	11-21	22-33	347	44.	PEAR	*#60	Ces
CCLU3	16.9	12.5	57.1	18.4	.6	٠.0	٠.	7.2	100.0	2033
CELOS	26.4	15.8	53.6	9.6	• 3	•		5.5	100.0	2071
12615	15.1	16.6	46.5	15.9	2.7	- 1		6.7	100.0	2027
14621	v.3	14.2	44.2	25.6	2.5	- 1		8.3	100.0	2331
767	1168	1253	4410	1502	122	,	3	7.0		6462
	13.4	14.5	52.1	17.7	1	. 1	. 5		100.0	

TAPLE 5

TAPLE 6

	PCT FRE			CLOUD A		E16+1451							CE1L1N					
MMD 015	5-5	3-4	5-7	£ £ 085CS	TOTAL	CLOUD COVER	263 149	150 299	300 500	600 600	1050	2000 3499	1500	5000 6499	6°00	800C+	NM CS/A	
k	4.2	1.7	2.4	1.7		3.4		٠.	. 1	• 2	.5	.2	.2	.1		.1	*.5	
NE	7.0	3.2	3.7	1.3		3.1	•	•		3	. 6	. 4	. 1	. 1	•	- 1	12.6	
E	17.6	5.6	6.1	2.3		3.1	.2	- 1	. 1	. 7	1.1	. ŧ		. 1	. 1	. 1	23.2	
SE	4.5	2.5	2 . 3	. 9		3.2	•	•	•				. 1	.1	. 1	•	1.6	
5	1.6	٠.	1.0	٠.		3.6	•	.0	.0	.2	.2	. 1	•					
\$ <b>6</b>	1.0	٠.	1.0	.6		4.3		.c			. 3	. 1	- 1				2.A	
-	2.9	1.5	1.9	1.2		3.6	.1	.0	. 1	.1				. 1		. 1	6.2	
NV	4.2	2.2	2.1	1.1		3.4	•		• 1	.2	. 5	.2	- 11	. 1	- 1	.1	6.3	
ATA	. 5	.0	.0			.0	3.		.0				.0	.0		.0	.0	
CALM	7.7	2.4	2.6	1.3		2.0	•			.5	. 5		. 1	•			12.4	
101 025	2898	1335	1433	670	5336	3.3	28		32	164	294	164	7.	45	30	23	5464	6336
TOT PCT		21.1	22.6	10.6	100.0	***		.1	. 5	2.6	9.6	2.6	1.2	. 7				100.0

TAPLE 7

CUMULATIVE	PCT FEEG	OF SIMULT	INFOUS S	
OF CEILIA	G HEIGHT	(NH )4/8)	AND VSI	67 (MM)

					VSEY INF	13			
	E IL ING	: CP	= C#	= CP	= CE	2 OF	= 08	= CR	: (#
•	FEFTI	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
- 08	>6500		1.:	1-1	1.1	1.1	1.1	1.1	1.1
: OF	>5000	1.5	1.8	1.6	1.6	1.6	1.6	1.6	1.4
: 0A	23500	2.5	2.4	3.0	3.0	3.0	3.0	3.0	3.C
= CA	>2000	4.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5
: 00	>1000	8.1	10.0	16.2	10.2	10.2	10.2	10.2	10.2
= OR	24.00	10.1	12.4	12.7	12.0	12.4	12.8	12.6	12.6
= CR	>:00	10.3	13.0	13.2	13.3	13.3	23.3	13.3	13.3
= CA	>150	10.4	13.1	13.3	13.4	13.4	13.4	13.4	13.4
: 08	> 0	15.6	13.4	13.7	13.7	13.0	13.0	13.9	13.0
	10141	467					603	000	

TOTAL NUMBER OF OES: 6"-1

PCT FRED hn (5/8: #6.

TABLE 74

PERCENTAGE FREE OF LOW CLOUDS (EIGHTHS)

C 1 2 3 4 5 6 7 A DESCE DES 34-2 17-6 15-6 10-9 7-3 3-9 4-1 2-6 3-2 -3 68A7

٥	2	

P(RICD, (PRIMARY) 19 10VER-ALL) 14							TA	BLE 8				4P(	P 0009 GUATEMALA SW COAST
		ı	E90641						URRENCI ALUES				CF OF
V581 (NF)		•	NF	τ	SE	•	Sw		46	YAD	CALP	PCI	101AL 085
<1/2	40 000	.0	•:	.0	•0	.0	.0	2. 0.	9.	.0	.0	•0	
	TOT & PCP		:	.0	.0			.0	o.	۰,	•	•	
1/2<1	NC PCP	.c ::		•:	.0	.0 .0	.c .c	.0		·ĉ	.0	:	
	PCP 40 PCP	:	:	.c	.0	.c	.0	.0	.:	0.		• • 1	
• • •	101 t	•	:	:	:6	:0	.0	:	•	•6		::	
2<5	HCH NO FCF TCT 3	.1	:	::	.0 .1	.0	• 0	•0	:	•0	.0 .1	•1 •6	
	PCP	• •	:	.1	.1	.0	:	:	:	7.	.1	. 3	
	NO PCP	1.3	1.5	2.5	1.3	.6	.6	1.0	1.3	.0	2.6	12.9	
	PCP NO PCP	A.6	12.7	.1 23.1	*.0	١.6	3.0	6.5		•0	10.6	.3	
•	101 1	A.6	12.7		*.0	1.6	3.C	6.5	8.7	.6	10.6	45.0	
	01 C65 01 PC1	10.1	14. 4	26.0	10.4	4.2	3.7	7.6	10.1	•¢	13.7	100.0	7610

TABLE 9

				PEPCE					ISIPIL V VS WI		933		
YSRY (L")	SPD KTS		46	ſ	sc	s	5.	•	46	VAR	CALF	PCI	TOTAL
	0-3		•	٠.	.0	•	•	.0	.0	.0	•	• 1	٠.
(1/2	4-1C	.0	.0	•	•	.0	• 0		•			- ':	
	11-21	- 6	.0		•	.c	•0	.0	.0	.0			
	22.	.0	.c	٠.	.0	-c	-5	.0	.c			.0	
	101 1	•	•	•	•	•	•	.0	•	.0	•	-1	
	0-3	.0	.0	.0	-0	.0	-c	٠.	•	.0	.c	•	
1/2(1	4-13	-0	.0	٠.	.0	.0	- 6	-0	.0	.c		*C	
	11-21	.0	.0	•	.0	.0	-0	-0	.0	•0		•	
	22•	.0	•	•	•0	.0	• C	.c	٠٥.	.0		•	
	101 1	٠.	•	•	-0	.c	•0		•	.0	.0	•	
	0-3	•	•	•	•0	.0	.0		.0	٠.		-2	
:<2	4-10	.0	٠.	٠.	.5	.0	-0	-0	•	٠.		•	
	11-21	•	•	٠.	.0	.0	• 0	•	•	.0		•	
	22.	•¢	.0	.0	.5	.0	-0	.0	.c	•c		-0	
	7*1 1	•	•	•	.3	.0	•0	•	•	.0	-1	• 2	
	0-3	-1	•	•	•	.0	•	•	- 1	٠.	. 3	• 5	
2<5	4-10	-1	•	• 4	- 1	•	•	- 1	- 1	.0		•6	
	11-71	3.	•	- 1	•	:	•	•	•	.0		• 2	
	22.	•0	.0	.0	.0	.0	• 5	.0	.c	.0	_	.0	
	101 1	• 2	. 1	. 3	• 1	•	- 1	• 1	• 2	٠.	. 3	1.3	
	0-3	• •	- 3		- 3	- 1	• 2	. 3	. 3	9.	2.6	5.1	
5<10	4-10	• •	• •	1 - 3	- 4	••	- 4	. 6	• •	•0		6.1	
	11-21	-1	• 5	• •	-3	:	:	- 1	- 1	.0		1.7	
	22. 101 1	. 0	. :	1	•	.c	-0	0	.0	.0		1	
	101 1	1.3	1.5	2.5	: • •	.6	- •	1.6	1.4	3.	2.4	13.1	
	2-3	2.0	1.7	2.0	1.2	. •	- 7	1.4	1-6	.0	10.6	22.3	
16+	4-1C 1-21	5.7	7.3	11.4	5.6	2.4	2.2	4.7	6.2	.c		45.5	
	1.51	• •	3.2	1.5	1.9	.2	• 2	- 5	.7	•0		16-1	
	٠,٠	8.5	12.5	22.4	3.8	3.6	3.1	.0	4.7	.0	10.6	.1.:	
	٠.	e • 3	12.3	44.0	3.5	3.6	J. 1	•••	•••		10.0	85.3	
	101 C65					_							8153
	TOT PCT	10.1	14.1	25.7	10.1	4.2	3.8	7.7	10.3	-0	13.4	100.0	

TABLE 15

AREX COC9 CURTEMALA 56 COAST

ERCENT	FREQUENCY	0#	CEILING	HFIGHTS	IFEET, SH	24/61 440

HCLR (GPT)	000 149	150 296	300 599		1000 1999						TOTAL	44 /4/A 384 461	
90603	. 2	.1		1.4	3.5	2.2	2.1	. 3	• ?	.6	10.0	90.0	1753
26639	. •	٠.	.2	: . 2	2.7	1.1		٠.	.6	.3	7.7	92.3	1615
12615	. 7	.2	. 6	4.1	6.3	5.1	1.4		.7	٠.	18.9	61.1	1657
14621		.2	. 7	5 - 3	5.2	3.3	1.1	1.1		.6	16.2	62.4	:797
TOT PCT		.1									97t 13.3		6422

146EE 1:

:4e.£ 12

		PEPCENT	FREGUES	CY VSP1	(Nº)	+T HOUP		COFECA					1.81 HOUP	
HSUP HSUP	<1/2	1/2(1	142	2<5	\$410	10-	TOTAL CBS	+0UR (GPT)	<150 <5070	<500 <1	<1000 <*	1970+	NH (5/8 AND 5+	TOTAL CRS
00603	.1	.5	.0	1.0	10.	48.4	2047	00103	.2	. 6	2.7	P.1	49.2	1699
60340	- 1	.1	.2	1.2	12.6	45.7	2055	26609		. 7	2.4	6.1	91.1	1547
12615	. 1	•	.4	1.7	17.3	40.4	2041	12015	.7	1.5	6.9	13.7	79.3	1571
18621	-1	.0	•2	1.3	11.9	26.6	2276	16651		1.3	5.4	11.9	62.7	1724
101	٠	•	17	110	1096	7175	8413	101	27	,70	241	654	5594	6541

148LE 13

TARLE 14

	PERCENT FREQUENCY OF RELATIVE MUMIDITY BY TEM											PEPE	ENT FR	EQUENC	, OF 4	140 01	PECT10	N 87 T	[=+	
TEMP F	0-29	36-39	40-40	50-59	60 69	79-79	10-60	¢0-100	TOTAL	FRE G	4	۸E	E	SE	5	\$.	•	**	YAR	CALM
95/99	.0	.0				.0	.0	.0	3		ء.		-0	.0	.0	•	•	•	.0	.0
90/94	.0				1.3			•	161	2.5	- 3	• 2	. 7	.2	. 1	•	• 1	. 3	.0	
85/89	.5	.0		. 5	5.9	1 4.1	3.4	.7	1530	23.6	2.6	3.0	5.6	2.4	1.2	1-1	1.0	2.7	.0	3.1
80/84	.0				6.7	30.1	25.0	4.1	4279	66.3	6.3	9.6	17.9	6.9	2.4	2.3	5.3	6.2	-0	
75/79	.0				.1				485	7.5		1.7	2.2	- 5	. 2		. 3	- 5	.0	1.1
70/74	.5				.0	•	•			- 1	•	•	٠.	-0	٠.	.0	.0	-0	.0	-0
TOTAL		1	3	74	510	2946	2093	450	6482	100.0										
PCT	.c	•	•	1.2	14.0	45.4	32.3	6.9			16.0	14.5	76.0	10.0	3.*	3.5	7.6	9.7	.0	14.1

APLE 15

TABLE 16

															• -			
	MEANS, EXTREMES AND PERCENTILES OF TEMP (DEC 4) BY HOUR										PERC	ES" FRE	CUESCY	OF RELA	IIVE H	v*10114	84 HORE	2
HOUR (GPT)	PAY	992	952	501	52	11	-1×	PF AN	TOTAL	4009 (541)	C-5¢	30-59	60-69	70-79	FD-89	90-100	-644	TOTAL
00103		90	8.5		79	7.7	70	83.5	2078	noco3	.0	1.3	17.5	50.*	25.1	5.2	76	1676
06409	92	86	85	82	78	76		87-0		06104	•0	•2	4.4	41.2	42.4	9.3	40	1659
12615		86	85	\$2	78	76	73		2074	12615	٠.	. 8	1.1	39.6	42.9	10.4	80	1716
18221		92	90	85	<b>6</b> C	77		45.0		16553	-0	2.6	24.7	****	20.1	2.4	74	6701
101	**	91	* t	4.3	7.	7.6	69	83.1	*659	101	c	94	932	3646	2176	463	,,	4/31

PERIOD: (PRIMARY) 1954-1974 (OVER-ALL) 1867-1979

APER 0009 GUATEMALA SW COAST

ASSAURT STATE S

1867-1979				14	BLC 1	7					11.96	91.0L
PCT FREG OF	**************************************							6F F06		1 PRE	CIPITATI	0 N 3
	110-5( s	69 72	75 76	77 80	61 84	85 46	92	>92	101	,00	F05	
	14/16	.0	.0	.c	.0		•	-0	5	.0	-1	
	11/13	.0	.0		. 1	. 1	. 1	•	19	.0	. 3	
	4/10	.0	.0	.0	.2	. 2	.2	• 1	45	٠0	.7	
	7/6	.0	.0	•	. 4	. 5	-6	• 1	114	•	1.6	
	t	.0	.3	•	-2	. •	. •	•	75	.0	1.0	
	5	.c	.0	- 1	. 7	. •	. 6	- 1	172	•	2.3	
	•	.0	.0	. 2	. 6	1.6	. 7	•c	250	.0	3.4	
	3	.0	•	. 3	1.4	1.6		•0	282	• 3	3.0	
	2	.0	•	. 7	3.3	3.5	- 5	•0	572	- 1	7.7	
	1	.0	. 1	. 5	3.4	3.2	-2	•0	597	•	4.1	
	c	.0	- 1	1.5	v.2	4.1	•	-0	1097	• 1	14.0	
	-1	.c	•	1.6	4.7	2.9	- 1	٠¢	470	. 1	13.1	
	-2	. 5	- 1	1.9	11.4	1.3	•₽	٠٥	1117	- 1	15.1	
	- 3	٠.	•	1.5	7.0	. •	٠.	٠0	645	•	1.4	
		.0	- 1	2.0	5.7	• :	.0	٠.	595	•	8.1	
	-5	.0	- 1	1.4	3.1	- 2	٦.	٠.٥	347	•	4.7	
	-6	.0	•	1	:	•	-0	٠c	146	٠.	2.5	

PERIOD: 1046P-ALL) 1943-1479

TAPLE 10

				PC	1 F*{c 0	F -1NC	SPEED	(#TS) AND DIPE	7104 Y	cesus s	E= 4F16	HTS (F1)	,	
											46			
451	1-3	*-10	11-21	22-3"	34-47	45+	201	1-3	4-10	11-21	22-13	34-47	49.	PET
<1	1.2	2.2			c		3.5	i.i	2.6	•0	.0	٠.	•0	3.7
1-2	. 7	3.7	. 5	-0	- 0	.0	4.1	.6	5.0	1.3	.0	-0	-0	6.4
3-4	- 1	1.2		.0	-0	.0	1.5	-1	1.2	1.7	•	٠.	-5	3-1
5-6	.c	.0	-1	.0	٠.	.0	- 1	.0		.7	-1	.c	-0	1.3
7	.0	٠.	•	-0	• • •	-0	•	.0	- 1		•	.c	-0	.5
8-9	.c	.3	-1	.0	• • •	-0	- 1	.0	.0	.0	-1	.c	•0	-1
10-11		.0	•	.0	. 5	.c	•	.0	٠.5	•	•	•	-0	•
12	.5	.5	-0	٠.5	-0	-0	•0	.0	.c	-0	.0	- 2	-0	-1
13-16	.0	.c	.0	.0	• 5	.0	.0	.c	٠.	• 1	.5	•0	•0	- 1
17-16	.s	.0	٠0	٠.	• 5	.5	٠.	.5	э.	٠.	-0	••	-0	-0
20-22	•€	٠.	•0	٠.		٠.	.0	.0	٠.	·c	٠.	2.	-0	-C
23-25	.0	٥.	٥.	٠.5	+2	.c	.5	.0	-0	٠.	.0	•5	•0	.0
26-32	•0	٥.	٠.	.0	٠.	.c	٠.	٠.	٠.	•c	٥.	9.		:0
33-40	2.	٥.	.0	-0	-5	•0	.:	2.	٠.	٠,٥	.0	.0		
+1-+4	.5	.0	•:	-0	• 2	٠.	-0	.c	.0	.0	:. 3.		3.	.5
**-*C	.0	ء.	-0		.0	٠.	.:	.0			:5	.3	.5	
61-75	ء.	э.	••	-0	.0	٠.	• •	.5	 3.			٠.		.0
71-86	٠0	٠,	٠.	• • • •	• • •	3. 2.	.0	.:	:5					-6
47. 101 PC1			1.0	3.	• ¢	:5	10.7	1.9	9.2	4.7	.3	::		15.6
101 -61	2-1	7.1	1.1	.0	•¢	•••	10.2	1	7.2	***	• • •		•••	
				ę							SE			
hG?	1-3	9-1C	11-21	27-33	34-47	48-	PCT	1-3	-10	11-21	22-33	34-47	48-	PCI
<1		2.4	.1	.c	.0	ء.	3.4	.6	1.5	- 1	2.	•:	٠.	2.2
1-2	. 7	7.2	2.1	.0	-0	.c	10.0	.:	7.0	. 2	-0		•0	4.3
3-4	.2	3.1	4.0	-2	٥.	.0	7.5	•	1.1	1.0	٠.5	.c	٠.0	2-1
5-6	٠.	1.0	2.3	- 1	- 3	.0	3.4	-1		. 7	-1		-0	1.2
7	- 1	-0	1.1	.5	.0	.:	1.7	-0	•	- 1	-0		• 0	٠2
8-9	٠,	٥.	.5	-2	.0	.c	.7	.5	- 1	- 1	.0	ي-	•0	• 2
10-11	.0	-C	-1	•	•	.0	-2	٠.	-5	-1	.0	-0	•0	-1
12	-0	•0	.5	-0	.0	.c	-0	٠.5	-0	-0	٠.	•0	.0	.0
13-16	.0	٥.	••	٠.	.0	.5	٠.	٠.	٠.	-0	.0	-5	.0	••
17-19	٠.	.0	•£	٠.	-c	٠.	.5	.0	-0	.:	٠.	.0	.0	.0
22-22	٠.	-6	.0	-c	•:	٠.	•0	.0	.5	o. 3.	-0	?:	.0	.5
23-25	.c	-0	•2	٠.5	٠.	-0	.0	-0	.:	.0	.5	.0		.0
56-35	2.	.c	••	-0	.0	ء.	.0				::			
33-4G	-0	٠٥.	.0	ء.	.0	3.	3. 3.	.0	.0	3.	.0		.0	
41-48	•5	•0	٠.	::	::	::		.0	:5	.0	3.		.5	.5
44-6C	٦.	٠.	.:				.5	3.	.0		.5			
61-70	-c	٠.	-5	.s	::		.:			3.		.6	.0	
71-86 87-	.c	٥.	.0	.0				.5	.5	:6		 3.		.5
101 PC1	1.0	13.4	30.7	1.0		::	26.0	1.0	٤.٥	7.5		 7.	.e	10.2

P{PICD:	: 1676	-4661	10-1-1	1676				*#*LE	4001L	T »				18° 3	0209	5U41EM K 91	414 5. C	rast	
				,	CT F#60	of .:.	. 50660		AND DIR		IL PSUS	5E# #£	16+*5	(*1)					
HE7 C1 1-2 3-6 5-6 7 8-9 10-11 12 13-16 17-17 20-22 23-25 24-25 24-25 33-66 61-70 71-46 61-70 71-46 61-70 71-46		1.7 1.7 3.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	11-21	\$ 22-33 -00 -00 -00 -00 -00 -00 -00 -00 -00	3		P. 1		1.23		11-21	77-1	•	***************************************		C. 1. 4 + 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0			
HGT -/1 1-2 3-a 5-6 7 8-9 10-11 12 13-16 17-16 20-22 23-25 24-52 24-60 61-70 71-86 61-70 101 PCT	***************************************	-10 1.00 2.00 2.00 2.00 2.00 2.00 2.00 2.	11-21	.6 .6 .6 .6 .6 .6 .6 .6 .6 .6			27 + 5000700 000000000000000000000000000		1-3	1.7 7 1.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0		22	370011000000000000000000000000000000000	*****************	***************************************	P. 3.0.7.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.	701aL PC1		
						bis:	5 55550	(* 15)	¥\$ 5[# +	·£15+1 (	et)								
					#6T	c-3	:0	11-21	22-33	34-47	• • •	PC"	121						
					C1 1-2 3-5 5-6 7 8-4 10-11 12 13-16 17-19 20-22 23-27 24-37 31-60 61-70 71-46 67-101 67-101 67-101 67-101	27	13.4	5.1 5.1 6.0 7 7 7 7 7 7 7 7 7 7 7 7 7				36.5 36.5 36.5 16.3 2.4 1.7 1.7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	1640						
								1000	•••										
P(P10	D: 10V1	(0-166)	1940-		PC{\1 F	PEGUENC		TAPLE TE ME IG	14 (MT (FT)	WS MAY	. >{>10	or 1560	(22/0						
PERIOD	(1	1-2	3-4	5-6	7 4	-+ 1C-1	1 12	13-16	17-1- 2	0-22 23	-25 24-	35 33-	<b>*</b> 0 <b>*</b> 1		9-60 61	-70 71	-44 87	· *CTAL	PE4
15EC:	7.9 -2 -1 -0 -0 -0 12.4 1109 7C.6	2.8 1.3 .7 .0 .0 1.7 1572	14.9 6.8 2.3 1.0 .8 .0 1.8 1605 27.6	5.4 5.0 1.7 .9 .4 .7 847	1.6 1 .6 .3 .3 .3	.7	3 .: 2 .1 1 .0 1 .0 1 .0	.6	.0	.0 .0 .0	000000000	000000000	000000000	000000000		.00000000	.0		2

PERIOD: (PPIMARY) 1953-1979 (CVLR-ALL) 1961-1979

IARLE 1

APER DODY GUATEPALA SW COAST

					_		
1, 1, 1, 1, 1	PER CULTUCA	C.F	PERINCE	J3 * 34+U J JO		-1 ND	DIPLCTICA

			•	46.12	TATIC	L TYPE					01+[6	-611=60	PHENE	PE 44	
-NE DIF	2214	54.2	25.25	FRIG FCP1	550.	OTMER FRZN PEPN	-AIL	PCF& AT	PCPL PAST MOUR	THPR LTMS	FCF PCFN	FGG #6 P(PL PAST NP	SMCRF M#Z[	SPRAY PLNS DUST PLNG SNON	
•	2.2			.0	.0		.:	3.4	1.7	3.7	.2	.:	٧. و	.0	85.3
<b>5E</b>	2.6	1.:	. t	٠.	.0	.0	.:	3.7	2.4	2.7	٠.	.0	1.7	.0	89.1
Ē	:.3	1.1		.:	.0	.5	.0	2.8	2.4	3.2	. 3	.5	2.0	.0	49.1
s e	2.5		• 2		.c	.0		3-5	2.0	5.2	1	• 5	7.7	•0	A7.5
3	2.7	2.0	1.2		-6	.0	٠.	4.6	3.4	4.5	. 6	.0	3.7		81.9
5.	2.5		1.6		٠.	.0		5.5	• . c	4.4	- 2	.5	2.1	. 2	43.4
	3.0	2.2	1.3		.5	.5		6.5	3.1	4.6	.0	.0			8C.3
	1.3	1.5		• 6	. c	.0	.1	3.0	1.6	3.6	. 2	.0	4.3	•1	97.1
446	.0			.5	.0	.:					٠.			.5	
CFL	. 3		• 2	.5	.0	.5	.0	. 5	1.0	5.7	• •	.c	A.7	• 2	83.6
161 PC1	1.0	1.2	.5	.:	-0	.:	•	3.5	2.4	4.1	••	.0	3.9	•	85.0

#### TABLE ?

#### PERCENT FREQUENCY OF MEATINES OCCUPATING BY HOUR

				P.C 161	TATIO	TYPE					CIMER	-{	PHEND	MENA	
F066	2414	EAI& Sher	9636	FRZG PCPN	2707	014ER FEZA FCPN	*#IL	PCFL AT CB TIPE	PCEN PAST HOUR	IHOP LING		FOC WO PCPA PAST NE		SPOAT BLMC DUST BLMC SMCL	NO SIG DEA
CCEC3 CCEC9 12615 16621	1.1 1.4 3.6 1.7	.7 .5 2.0 1.5	.3 .1 .1	.: .: ::	.0.0	.0	.0	2.1 2.2 5.4 3.7	1.4 1.4 3.4 2.6	1.2	.2	.00	3.0 4.3 4.1 3.4	.1	61.4 75.3 62.3 69.7
101 PC*	1.6	1.2	••	•c	.c	.0	•	3.5	2.4	4.3	•2	.0	3.9	•	85.6

#### TABLE 3

### PERCENTAGE PREGUENCY OF MIND DIRECTION BY SPEED AND BY HOUR

		<b>L14</b>	r SPE	D INN	151								HOUR	(541)			
-r: 515	2-3	4-10	:1-21	55-22	347	48+	1011		PEAN	02	C3	Ce	6.6	12	15	18	21
							5=2	. 566	520								
	2.1	5	. 7			.0		4.5	5.5	4.5	5.1	5.3	7.4	14.0	8.9	10.7	5.4
5€	1.7	7.6	2.3	. 2	•	.0		11.7	0.5	8.5	5.2	7.0		14.6	15.3	10.3	12.1
٤	2.6	12.*	5.6		•			21.2	9.0	22.6	14.3	17.4	16.9	14.2	17.7	24.5	26.0
51	2.1	• • 2	2.5	- 1	.0	.5		12.5	7.6	18.4	19.1	15.6	14.5	7.3	11.0	9.4	13.6
\$	1.5	4.5	1.1		•	.0		7.2	7.0	4.7	11.6	4.0		5.4	9.2	5.1	4.9
3.	1 - 3	• . 3	1 - 3	•	•	٠.		7.0	7.4	9.4	13.9	7.5	11.3	5.4	6.6	5.1	7.5
•	1.9	٠.,	2.3	- 1	.0	-8		4.2	7.0		12.3	10.3	13.1	1.4	11.5	7.6	1.4
**	1-*	5.5	٠.	•	.0	.0		0.0	4-2	6.D	6.7	4.7	4.6	10.3	13.5	8.7	4.7
ATB	•¢		.0	.0	.c	2.		-0	-0	.0	٠.	.0	-0	-0	-с	-0	.0
CA.~	14.3							14.3	-0	12-3	7.8	21.2	12.2	16.0	6.0	10.5	4.4
TOT CBS	2754	scs:	1446	7.0	3	Ç	4337		4.5	2160	153	2359	102	2030	23+	2312	202
101 PC1	29.5	54.1	15.5		•	.5	2	00.0		100.0	100.0	100.0	100.0	100.C	100.5	100.0	100.0

•	 •	11

		LIND	SPEED	IRROTSI						HOUS	(S#1)	,
END DIR	3-6	7-16	17-27	28-40	.1.	TOTAL	PCT	~[ A4	co	26	17	28
						CR5		SPC	5.3	64	15	51
	5.7	2.7	. 1	.0	.0		4.5	5.4	4.5	5.5	13.4	10-7
46	5.4	5.6		- 1	٠.		11.7	6.0	7.6	6.0	14.7	14.0
£	7	11.2	1.6	. 1	-0		21.2	4.0	22.4	17.3	10.1	26.4
5.6	6.0	5.4	.5	.:			12.9	7.8	14.4	:5.9	7.7	1.9
s	4.5	3.0	.,	•			7.2	7.0	*	8.1	5.6	5.4
S ==	3.7	3.0		•			7.5	7.4	6.0	7.7	5.4	5.3
	5.2	3.6	. •	.0			4.2	7.0	16.1	10.3	4.7	7.4
**	5.2	2.4	- 1		.c		1.5	6.2	6.1	5.6	10.6	4.1
440	-0	3.		.0			2.	.0	-0		.0	٠.
CALF	14.3						14.3	-0	12.0	20.4	15-1	10.1
TOT DAS	<396	3568	350	19	ء	9337		4.5	2313	2246	2264	2519
101 PC1	47.4	14.1	3.4		- 5		100.0			100-0		

P]MLOTS 1051-151		PLS	CENTAGE	f à E qu'		14FLE +		wcup	154.1	APEA COOP   GETTERALA SE COAS 	•
<b>∺¢u</b> ₽	race	2-3	10		38.66	34-4"		<b>461</b> %	FCT FREC	TOTAL DES	
99340	20. 15.1 16.1	10.3	51.2 57.8 54.0 52.4 5052		: : : : : : : : : : : : : : : : : : :	.c .o .1	.: .: .:	6.2	100.0	2*17 22+5 22+6 22+8 251* 953*	

												_	. <b>.</b> .					
			- 4	eri .														
•	CT FRE			1618 A		(f 15=1+5)		•					161614 AH (5/					
A46 .16	r-7	1	4	5 (	TOTAL OF	56962 57604 9536	*30 1-9	117	367	* 35	1400	2000 3464	35-5	5-5-	6563 7469	4000-	34 (5/8 357 657	
	1.8	1.5	3, 7	1.4			.1		- 1				. 7	•		-1	4.4	
4.5	7.5	2.1	4.5	2.1		5	-1	•	.:	• •	1.0			. 1	- 1	.:	*.7	
E	4.5	4	• . 1	3.1		4,6	.:	• •	. 7	:.*	:.4			- 1	. :		16.4	
SE	3.2	2 - 3	٠.٠	2.1		6	. 1	•	- 1	- 4	1.:			-:	- 1	. 1	*45	
5	:. `	1.4	3.0	1.4		5.0	•	•	. 7		• • •	. :		•	•	- 1	5.	
56	. 6	1.:	2.9	2.4		7.*	. 1	•	- 1	. 7	. 9	. •	. 1	.1		•	•.•	
	1.4	1.4	3.5	1.9		4.9	.:		. 1	. *	1.2		.7	- 2	•	•	4.2	
N=	1.7	:	3."	1.1			•			- 5	. *	. :	. 1	.:	•	•	4.4	
620	٠.	.^		.~		.0	.5		٠.	.0	٠.	.0	. ~	.5	.0	.:	٠.	
CAL		3.5	4.5	1.9		••0	•	•	•	. 6	٠.	٠. د	- :	.:	. 1	. 1	12.5	
101 064	.684	1-64	2-07	1717	715.	•.7	*1	22	7.	427		266	129	43	31	50	5374	7100
101 FC1	73.	21-1	34.1	17-1	102				1.1	5.7	٠.:		1.*				75.7	:::

# TABLE 7 CUPULATINE PCT FFEC OF STWITZAFOUS OCCUPAÇACE OF CELLIAS MEIGHT (AM 3-74) AND NOTY (AM)

						4764 144				
	51	111146	: 0=	2 CE	: 25	- 00	= ~~	± 00	: CB	- 64
	4	(113	>10	>5	>2	*1	>1/:	>:/4	>50"0	>0
Ŧ	ce	26500	1.0	1.2	: - :		2.7	1.2	1-2	1.3
:	CR	>5000	:.5	2.8	1.4	1.1	:	1-4	1.4	1.4
:	20	>3500	3.0	3.5	3.6	3.4	3.4	3-6	3.4	3.4
:	SA	>2668	6.5	7.4	7.5	7.5	7.5	7.5	7.5	7.5
=	28	>1200	13.e	14.1	14.4	15.5	14.5	10.5	16.5	14.5
*	¢a.	>630	78-1	21.5	22.5	22-1	72-1	22-1	22.1	22.1
:	¢*	2350	14.5	22.4	23.6	23-1	23.7	23.2	73.2	23.2
=	C S	>150	19.0	22.7	23.3	23.4	23.5	23.5	23.5	23.5
=	62	> 0	19.2	23.2	23.9	74.0	20.0	74.0	24-0	74.5
		TOTAL	:-16	1751	17°C	:756	1761	1742	1742	1762

TOTAL NUMBER OF 055: 7728 PCT FREG NH 45/8: 7640

#### 149LC 74

#### PERFERRAGE FREE OF LOW CLOUDS RETRIBUTES!

C 1 2 3 4 5 6 7 6 0PSC C65 15:1 15:8 18:2 15:7 11:7 6:9 6:5 0:7 6:1 :) 7783

•	•	

PEPIDD: 4PRIMAPT 1							TA	*LE 4				406		164964 <u>-</u> 41.0.	S= C0#51
		•	FREENT		CF . IN IF I TAT								( cı		
*(*) {%*)		•	-	ι	32	\$	56		**	ATD	CALF	<b>P</b> C1	10141		
61/2	PCP TOT 1	:	:3	.:	٠٠	.0	.0	••	٠.	.0	;; ;;	:			
:/2<1	PCF NO PCF TOT 4	:: :: ::	::		.e .a .s	.0.	.:	.:	÷:	.c 0.	.c ::	:			
14:	PCF NO PCF IOI N	.5	:	:	.:	:	.:	:	÷	3. 3.	.:	.; .;			
245	434 C.	::	:	:	.1	-1	:	::	::	3.	:	.5 1.0			
3426	954 50 \$65 16. 1	-1 -3 1-5	:::	.3 1.1 2.2	.: :-5 1.:	:;	.: .:	1.0 1.0	::		.1 1.4 1.8	1.1			
17+	FCP NO FCP IOL 3	*: 7•3	10.2		11.3	•-1	5.8	-3 7-4 7-4	4.4 7.0	.:	17.4	1.1			

101 085 101 701 545 1147 2146 1249 242 649 640 640

### TAPLE 4

ers de service de la company de la compa

				*(*([	.: F={C +:1- *								
15-1	505 475	•	*1	1	SE	\$	5.	•	**	740	C#L*	PC1	TOTAL
	2-3	.5		.:	.5	•	•	•	٠.	.5		.:	
41/2	17	•			•	•	.:	•					
	11-21		.:		.5	٠.	•	.0	-5	.c		•	
	22+	-6	.5				.0	.0	-0			.5	
	ici z	•	•	•	•	•	•	•	•	.0	.=	-1	
	5-3	٠.	3.	•		٦.	.5	٠.:	-5	.c	•	•	
1/2<1	4-10	٠.:	-:	.0	.5		•	•	•	.0		•	
	11-71	.=		.0	.:		.0	.c	-8	.5		.=	
	27-			ع.	.c	.c	.0	.5	.0	.0		.0	
	10: 1	٠.	.c	•	-0	.:	•	•	•	.0	•	•	
	£-3	٠.	٠.	٦.	•	•	•	.5	٦.	ء.	•	- 1	
142	1C	•	•	•	•	•	•	•	•	.5		.:	
	11-21	٠.	•	•	•	•	•	•	•	.:		.:	
	22-	ء.	•	٠.	.3		•	. 2		.:		•	
	ict i	•	•:	-1	- 2	•	•	•	•	.0	•	••	
	5-3	-:	•	•	•	•	•	•	•	٠.:	•	. 3	
2<5	15	•	-2	-:	- 1	-1	-:	- 1	- 2	.0			
	11-71	•	•		•	•	-:	•	•	.5		. 3	
	22-	.:	•	•	•	.0	.:	.:	٠.	.:		-1	
	157 1	•:	-1	-2	-1	- 1	•\$	-2	-2	.c	•	1.2	
	F-3	.:	-:	-3	-2	.:	-2	.:	-2	.:	1.4	3.4	
\$415	::	- 5	.,		- 6			.,	- 5	.5		4.2	
	:1-71	-3	.2	. 7	- 2	.2	-3	-2	•1	٠.:		2-1	
	57-	٦.	•	. 2	٠.5	.c	•	•	• =	.:		- 1	
	: :::	:-0	:-:	3.5	1-1	.•	••	1-7	• •	ء.	1.0	10.4	
	Q-3	2.0	1-5	2.3	1-9	1.3	1.1	1.4	:	,ε	::.4	25.4	
::-	4-15	٠.٠	4.7	11.4	7.5	1	3.•	٠.٠	• • •	.5		5	
	11-21	-5	2.5	٠.٠	2-3		1.3	1.0	-6	.:		13-1	
	55.	. •	-1	. 3	- 1	•	•	-:	. •	.:		- 5	
	161 3		10.3	19.2	11-6	• • 3	4-0	7.6	7.3		17.4	47.5	
	ier ces												*010

PERIOD: (PRIMARY) 1053-1076 (OVER-ALL) 1861-1970

TAPLE 10

AREA COOP GUATEMALA SW COAST

ERCENT	FREQUENCY O	CEILING	HEIGHTS	IFEET, NH	19146	AN

HOUR (GPT)	500	150 296	300 599			2000 3449					TOTAL	NH C5/8	
0000	••	.1	.6	4 - 2	6.4	3.2	1.7		.\$	1.0	11.6	A1.4	2655
06109	. 7	.2	.5	4.5	6.7	3.3	1.1	.5	.5	.5	16.6	81.4	1753
12615	- 6	.5	1.7	6.6	11.2	4.0	1.9	.6	.1	.6	27.8	74.2	1865
18821	- 5	• 3	1.3	6,1	10.5	*.6	2.1	.8	.6		27.5	72.¢	1975
101										56			7648

14846 11

TABLE 12

		PERCENT	FREQUE	CT V56	(44)	RY HCUP		CUMULAT					4584 [NP)	
40UR (6#1)	<1/2	1/3(1	7.45	2<5	5(10	10+	TOTAL OPS	HOUR (GPT)	<150 <50YD	(600	<1010 <5	1000+ AND5+	NH <5/6 AND 5+	TOTAL OPS
00603	•	•	. 3	٠,	7.4	91.4	2339	00103	.5	1.3	6 • 2	13.6	80.2	1960
05609	.1	•0	.3	. 8	10.	88.5	2281	0660	. 6	1.5	6.9	12.8	80.3	1679
12615	.,	•1	.5	7.1	14.1	83.;	2284	12615	.6	3.1	11.2	14.7	70.5	1784
18621	.7	•	. 4	1.3	9.7	88.3	2472	16621	.5	2.2	9.0	19.5	71.5	1905
101	13	•	34	117	972	8240	9380	101	43	147	609	1179	5540	7328

TABLE 13

TABLE 14

	PERC	ENT FP	EQUENC	T OF P	ELATIV	E HLPIC	111	Y TEMP	TOTAL	PCT		PERC	ENT FR	EQUENC	Y 0F W	140 OI	RECT10	N 87 T	EMP	
,EHD &	0-29	30-39	40-49	50-59	60-69	70-79	80-89	40-100		FREO	N	NE	€	se	\$	Sir	٧	NW	VAR	CALM
95/99	-0	o.	.0	•	•		.0	.0		.1	.0		•	.0		.0		•0	•0	.0
90/94	•0	.0		.2	1.4	. 7	. 1	•	179	2.4	.2	. 3	.5	.2	• 1		. 2	.5	.0	
45/85	.0	.0	•		5.7	17.5	4.6	.6	2096	28.6	2.8	3.1	6.4	3.3	1.6	1.3	2.6	2.6	.0	4.4
80/84	•0	• 2	. ^	. 1	2.4	25.1	30.7	4.9	9634	63.2	4.9	7.4	13.8	4.3	4.6	4.6	5.4	4.3	.0	9.6
75/79	.0	. 5	.0	٦.		. 4	2.6	2.7	415	5.7	. 5		1.1	. 6	.5		.,			
10/74	-0	.0	.0	2.	•0	.0		. 1	6	-1	.0		•		• 0	.0		.0	.0	
TOTAL	0	0	3	38	705	3196	2788	684	7.34	100.0	• •						•••	•••	•••	
PCT	•0	.0	•	.5	**6	4 4.6	38.0				8.5	11.6	21.8	12.4	6.9	6.8	9.0	7.7	•0	15.2

TABLE 15

TARLE 16

	MEANS.	EXTREM	ES AND	PERCEN	ILES	OF TE	4P (DE	G F) B	א שטשא		PERC	ENT FRE	GUENCY	OF RELA	TIVE H	UMIDITY	84 HOUP
HOUR (GMT)	PAX	998	951	401	51	12	=1N	PEAN	TOTAL	HOUR	0-29	30-59	60-69	70-74	80-89	90-100	PEAN
00403	95	90	8.6	84	8 G	75	74	64.0	2164	10300	. 0	. 8	11.4	52.6	29.6	5.6	77
06604	92	87	86	62	79	77	73	42.5	2392	96809	.0	. 2	3.7	38.6	48.7	4.8	61
12615	90	88	45	82	78	75	73	82.1	7312	12615	• C	• 1	2.7	34.0	50.1	13.1	82
18221	97	92	90	8.5	60	77	71	85.1	2552	18621	.0	1.2	10.0	48.5	24.6	5.9	76
101	97	91	88	8.3	79	77	71	83.5	9570	101	Ö	4.3	129	3309	2880	627	79

PERT	(PPIWAGE)	1753-1979
	1CYFE-ALL)	1867-1979

TABLE 17

						• •						
19	1CMPERAT VS	URE (						OF FO	G (WITHOU F)	399 T	CIPITATI	0 N 3
	AIP-SEA	69	73	77	81	45	89	>92	101	¥	80	
	IND GIL	72	76	*0	64	46	92			FOG	FCG	
	17/19	.0	.c	٠.	٠,	.0		-0	2	.0		
	14/16	.0	.0	. 3	. 5		•	•0	6	. 0	. 1	
	13/13	.с	.0	3.		- 1	. 1	•	14	·c	. 2	
	9/10	•0	.0	.0	• 1	- 1	- 1	•	21	•0	.3	
	7/8	.0	.0	•	- 1	. 3	.5	-1	81	-0	1.0	
	ŧ	٠.	.0	.0	- 1	. 4	- 3	•	74	• າ	.9	
	5	- 0	.0	.0	. 3	. ŧ	. 7	•	147	.0	1.6	
	4	•0	.0	•		1.2	. 6	•	221	•	2.6	
	3	. c	.0	. 1	- 7	1.4	.6	•	226	•	2.7	
	2	• 5		. 1	2.1	3.5	.5	.0	506	•	6.1	
	1	• 0	.0	. 1	2.9	3.5	. 4	.0	573	•	5.9	
	τ	•0	•	. 5	8.3	5.2	. 2	٠٥	1179	•	14.1	
	-1	• C	•	.7		4.7	•	.0	1116	. 1	13.4	
	~2	• 0	•	1.3	11.5	2.8	. 1	.0	1376	•	15.7	
	~ 5	•0	٠	1.3	5.1	1.5	•	.0	606	•	10.9	
	~ •	• 0	•	3.1	7.5	. 4	•0	.0	808		9.7	
	~5	• 0	•	1.6	4.0	• 3	.с	.0	493	٠c	5.9	
	-6	•0	- 1	1.4	1.7	- 3	.0	.0	274	.0	3.7	
	-7/-6	•	. 1	1.3	1.2	- 1	- C	٠٥	228	.0	2.7	
	-0/-10	•0	• 2	. 5	. 3	•	. 0	•0	77	.0	.9	
	-11/-13	•	.2	. 2	•	• 0	• €	•0	39	.0	•5	
	-14/-16	•0	٠0	•	•	.0	.0	.c	4	•0	•	
	TOTAL	2		913		2196		20		15	8296	
			60		4761		3 4 C		8314			
	PLI	•	. 7	11.0	57.5	26.4	4.1	• 2	100.0	• 2	99.8	

\*ERIOD\* (OVER-ALL) 1962-1976

TARLE 18

				PC	T FRED 0	F WIND	SPEEL	ENTS) ANT	DIRE	CTION V	EPSUS S	EA HEIG	HIS (FT)		
				K								NE			
HGT	1 - 3	4-1C	11-21	22-33	34-47	48+	PCT		1 - 3	4-15	11-21	22-33	34-67	48+	PCT
<1	1.1	1.7	•0	.0	•0	.0	2.8		. 8	1.9	•	.0	.0	.0	2.8
1-2	. 3	2 . 8	. 3	•0	• 3	•0	3.2		. 4	4.3	1.4	•0	• 0	•0	6.2
3-4	• 1	.5	• 1	٠.	• • •	.c	• 8		•	1.8	1.4	• 1	.0	٠,	3.3
5-5	• (	• 2	. 2	•0	• 5	.0	. 4		•	. 4	. 7	•0	. 0	•0	1.1
. 7 .	•5	• 5	.0	•0	• 0	•0	• 0		•0	•0	.2	•0	.0	•0	• 2
8-9	• 5	•0	•0	٠.	• 0	٠.	• 0		•0	.0	•0	• 1	•0	•0	- 1
10-11	C	0	•0	•0	• 0	•0	.0		.0	.0	. C	•0	.0	•0	·c
13	٠.	• 0	•0	•0	• 9	.0	• C		•0	.0	.0	•0	• 0	د.	.0
13-16	.0	۰۰	• 5	.0	• 0	•0	•0		•0	.0	•0	•0	.0	•0	.0
17-19	۰.0	• 0	٠,	•0	• 0	•0	0		•0	.0	•0	+0	•0	•0	.0
50-55	.0	• 0	.0	٠٥	• ¢	•0	• 0		•0	.0	.0	•0	• 0	-0	.0
23-25	-0	٠٠	٠.	.c	• 0	•0	•0		٠c	.0	•0	-0	.0	-0	.0
25-32	٦.	• 0	٦.	•0	• 5	•0	.0		•0	.0	•0	•0	.0	•0	.0
33-40	.0	• 0	.0	•0	.0	.c	. 9		•0	.0	.0	.0	• 9	•0	.0
41-48	.0	٠.	• 3	•0	• 3	•0	.0		- C	.0	.0	•0	.0	-0	٠٥.
49-60	.0	•0	•6	• *	• ?	٠.	• 0		•0	•0	• 0	•0	.0	•0	•0
61-70	.0	•0	٠,٥	•0	.0	•0	• 0		•0	.0	•6	.0	.c	-0	•0
71-86	.0	•0	.0	•0	•6	٠٥.	•0		•0	•0	•6	.0	•0	•0	.0
£7•	n	.0	٠.	• ¢	• 2	.0	.0		•0	.0	•0	.0	.0	•0	0
TOT PCT	1.5	5.2	.5	•0	• 0	.0	7.2		1.3	e.,	3.4	.2	•6	.0	13.6
				ε								SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	48 *	PCT
<1	1.0	2.6	.2	•0	.0	.0	3.7		.6	1.3	2	.0	.0	.0	2.1
1-2		6.2	1.0	.0	. 0	.0	8.2			4.3	1.1	.0	.0	.0	6.1
3-4		3.5	2.4	• 2	.0	•0	6.9		. 1	1.7	1.3	. 1	.0	.0	3.2
5~6	. 1	.8	1.4	•2	.c	•0	2.5		.1	. 4	• 2		.0	.0	.7
7	•0	• 2		• 2	.0	.0	1.2		.0	.0	- 1	.0	.0	.0	.1
8~9	•6	.0	.2	• 1	• 0	• C	. 3		.0	• C	•	.5	•6	.0	•
10-11	.0	.0		.0	• 2	•c	.0		.0		.0	9.	• 0	.0	-0
12	.0	.*	••	.0	.0	٠.	.0		-0	•0	.0	.0	.0	.0	.0
13-16	• C		•0	•0	. 0	• 0	.0		.0	.0	-0	.3	•0	.0	-0
17-19	• C	.0	•0	.0	.0	•0	.0		.0	.0	+0		•0	.0	.0
20-22	•0	.0	.:	•0	.0	•C	.0		.0	.0	. 2	-0	.0	.0	•0
23-25	• 0	.0	•0	.0		• C	.0		.0	.0	+0	-0	• 0	.0	•0
26-32	.0		• 2	.0	.0	٠.6	.0		.0	-8	.0	.0	• 0	.0	.0
33-4C	• 0	• 2	.0	.0	. 2	• C	.0		.0	-5	.0	.0	. 0	.0	.0
41-48	•0	-0	•0	.0	• 0	.0			.0	.0	• c	.0	. 0	.0	•0
49-60	•0	.0	.0	.c	.0	•0	.0		.0	.0	.0	.0	•0	٠,٥	.0
61-70	•0	.0	.0	.0	. 5	.c	.0		.0	.0	.0	.c	2.	.0	•0
71-86	•0	.0	• 2	.0	• C	· C	.0		.0	. c		.0	֏	.0	-0
67+	•0	.0	. 0	.0		•0	.0		.0	.0	.ĉ	.0	•0	.0	.0
TOT PCT	1.9	13.2	7.1	.7	• 3	.с	22.8		1.3	7.4	3.0	• 1	-0	.0	12-2

PEPIDID: LOVER-JALLI 1963-1976  TARLE 18 (COAT)  PCT FFEO OF WIND SPEED (AIS) AND DIPECTION VERSUS SEA HEIGHTS (FT)  HGT 1-3 4-1G 11-21 22-33 34-47 48- PL' 1-3 4-1G 11-21 72-33 34-47 48- PCT (1 .6 1.2 .1 .0 .0 .0 .1.9 .4 .7 .0 .0 .0 .0 .0 .1.2 .1-2 .2 .2 .9 .6 .0 .0 .0 .1.0 .1.9 .4 .7 .0 .0 .0 .0 .0 .1.2 .1-2 .2 .2 .9 .6 .0 .0 .0 .1.0 .1.5 .1 .1.1 .6 .0 .0 .0 .0 .1.2 .1-2 .2 .2 .9 .6 .0 .0 .0 .0 .1.5 .1 .1.1 .6 .0 .0 .0 .0 .1.8 .5-6 .0 .1 .1 .1 .1 .0 .0 .0 .0 .1.5 .1 .1.1 .1	
HGT 1-3 4-16 11-21 22-33 34-47 48. P(' 1-3 4-16 11-21 22-33 34-47 48. PCT (1 1-6 11-21 22-33 34-47 48. PCT (1 1-6 11-21 22-33 34-47 48. PCT (1 1-7 11-21 22-33 34-47 48. PCT (1 1-21 22-33 34-47 48. PCT (1 1-7 11-21 22-33 34-47 48. PCT (1 1-21 22-33 34-47	45
HGT 1-3 4-16 11-21 22-33 34-47 48. P(' 1-3 4-16 11-21 22-33 34-47 48. PCT (1 1-6 11-21 22-33 34-47 48. PCT (1 1-6 11-21 22-33 34-47 48. PCT (1 1-7 11-21 22-33 34-47 48. PCT (1 1-21 22-33 34-47 48. PCT (1 1-7 11-21 22-33 34-47 48. PCT (1 1-21 22-33 34-47	
H6T 1-3 4-16 11-21 22-33 34-07 48. P(r)  1-3 4-16 11-21 22-33 34-07 48. P(r)  1-4 6 12-2 1-1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	
1-2	
3-4	
5-6	
*** *** *** *** *** *** *** *** *** **	
**Beq	
10-11	
12	
13-16	
17-19	
20-22	
23-25	
26-32	
33-80	
**************************************	
##60 in	
61-70	
101 PCT 1:0	
No.	
TOT PCT 1:0 S.S 1:2 :0 :0 :0 :0 7.6 1:0 4:6 1:3 *	
HGT 1-3 4-16 11-21 22-33 34-67 46+ PCT 1-3 4-10 11-21 22-33 34-67 48+ PCT PCT (1 .7 1.9 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	
HGT 1-3 4-16 11-21 22-33 34-47 46 PCT 1-3 4-16 11-61 22-33 34-47 48 PCT PCT 1-4 1-16 12-21 22-33 34-47 48 PCT PCT 1-4 1-16 12-21 22-33 34-47 48 PCT PCT 1-4 12-21 22-33 34-47 48 PCT PCT 1-4 12-21 22-33 34-47 48 PCT PCT PCT 1-4 12-21 22-33 34-47 48 PCT	
HGT 1-3 4-16 11-21 22-33 34-47 46 PCT 1-3 4-16 11-61 22-33 34-47 48 PCT PCT 1-4 1-16 12-21 22-33 34-47 48 PCT PCT 1-4 1-16 12-21 22-33 34-47 48 PCT PCT 1-4 12-21 22-33 34-47 48 PCT PCT 1-4 12-21 22-33 34-47 48 PCT PCT PCT 1-4 12-21 22-33 34-47 48 PCT	
C1         .7         1.0         .0	
1-2	
3-6	
5-6	
7	
8-9	
10-11 .C .O	
12	
13-16 •0 •0 •0 •0 •0 •0 •0 •0 •0 •0 •0 •0	
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 22-02	
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	
26-32 •0 •0 •0 •0 •0 •0 •0 •0 •0 •0 •0 •0	
33-40 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.	
61-70 .C	
71-86 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	
9. 0. 0. 0. 2. 0. 0. 0. 0. 0. 0. 0.	

Marie Constitution of the Constitution of the

	WIND	SPEED	(KIS)	VS SEA	HEIGHT	( ( )		
HGT	0-3	4-10	11-21	22-33	34-47	48*	PCT	101
<1	20.5	12.4	. 4	.0	٠.	٠.	33.3	003
1-2	4.4	20.1	5.5	•€		.0	38.1	
3-4	1.1	11.5	7.3	. 3	-0	.0	20.1	
5-6	• 2	2.2	3.1	. 3	.0		5.*	
7	.0		1.3	- 3	٠.		1.0	
8-9	•0	. 1	. 3	.2	• C		.6	
10-11	•0	.0	.0	.0	.0	.0	.0	
12	·C	.0	·c	.0	.0		.0	
13-15	•0	.0	٥.	.0			.0	
17-19	.0	.0	٠.	.0	.0	.0	.0	
20-22	٠.	.0	.0	.0	.0	.0	٥.	
23-25	.0	.0	.0	.0			•0	
26-32	• 0	.0		.0	.0	.0	.0	
33-40	•0	.0	٠.6	.0	.0	.0	.0	
41-48	.0	.0	.0	.0	• C	.0	.0	
49-60	.0	• C	.0	.0	٠.	.0	.0	
61-70	.0	-0	.0	.0	-1	.0	.c	
71-8e	.5	.0	.0	.0	• •	.0	.0	
87 .	.0	.0	.0			.0	.0	
								1404
TOT PCT	26.3	54.6	18.6	1.1	•0	.0	100.0	

PERIOD: (OVER-ALL) 1949-1979 TABLE 19 87- TOTAL
.0 1267
.0 1227
.0 592
.0 286
.0 134
.0 51
.0 1070
.0 4627
.0 100.0 3-4 15.7 7.2 3.3 1.3 1.0 .0 2.6 2062 31.1 7.2 .2 .0 .0 .0 .0 10.3 1160 17.8 15.5 2.6 1.2 1.1 .0 .0 1.7 1666 25.1 5.6 5.5 2.2 1.2 .7 .3 1.0 1069 16.4 .5 .6 .1 .1 .1 .1 .C .1 .0 .0 000000000 000000000 000000000 0000000000 1.6 2.1 1.1 .4 .3 .3 405 6.1 .1 ... ... ........ .0 0000000000 .......... 000000000

TABLE 1

PEA COOP GUATEMALA SW COA

noning to be a second of the contraction of the con

PERCENT FREGLENCY OF WEATHER OCCURPENCE BY WIND DIPECTI	PERCENT FREGUEN	CY OF WEATHE	R OCCURPENCE P	Y WIND DIPECTION
---	-----------------	--------------	----------------	------------------

							-								
			6	RECIPI	TAT 10	L TTPE					CTHEP	PEATHER	PHENO	MENA	
640 DIO	PLIN	PAIN Smok	Lest	FRZC PCPN	SAOL	GTHER FRZN PCP4	MAIL	PCPN AT OE TIME	PCPL FAST HOUS	THDR L TNG	FOG NO PCPN	FOG WO PCPN PAST HR	SMOKE HAZE	SPPAY BLUG DUST BLUG SNOW	
N.	2.6	1.7	1.3	•¢	• C	.0	.0	5.5	3.7	4.3	.2	.0	. 3	•1	46.2
٨E	3 - 1	2.4	. 4	•0	.0	-0	٠.	6.0	4.6	4.5	.1	.0	.2	.0	84.7
€	3.1	2.7	1.4	.0	.0	.0	.0	6.7	3.9	5.4	٠.٤	•0		.0	83.9
SE	2.7	3.7	1.3	٠.c	٠.	.0	.0	7.3	4.4	6.7	.0	.0	.2	• 0	81.4
5	6.1	4.7	1.2	.0	•0	٠.	د.	12.0	5.4	5.5	•2	.0	. 3	• 2	76 . 8
ŠŁ	7.3	3.8	2.1	.0		•0	• 6	12.5	4.5	3.3	• 1	.0	.0	.0	79.5
	5.7	3.1	1.3	٠.	.0	.0	. 1	10-1	6.1	3.1	. 2	.0	.3	•0	80.3
٠.	3.9	2.0	1.1	• C	•0	•0	.0	7.3	5.0	4.5	•	.0	. 5	. 2	42.6
VAR	.0	.5	.0	. 3	• 0	.0	.0	• 0	.0	.0	. c	.0	.c	•0	.0
CALM	.6	• •	. 5	.0	.0	•0	. C	1.9	2.1	7.3	• 5	.0	.6	• 0	87.9
TOT PCT TGT OB4:	3.9 8371	2.9	1.1	•0	•0	.c	•	7.8	4.5	5.0	•1	.0	.3	•	82.6

TARLE 2

PFRCFLI	ERFOUFACE	OF	<b>LEATHER</b>	OCCUPRENCE	 HOUR

PRECIPITATION TYPE											OTHER WEATHER PHENOMENA								
HOUR (GPT)	PAIN	SHLP	OPZL	FR7G PCPN	\$. OF	OTHER FRZN FCPN	HAIL	PCPA AT OR TIME	PCPA PAST HOUR	IHD# LING	FOG NO PCPN	FOG WO PCPM PAST HR		SPRAY SEME SHOW					
00403	2.4	1.7	٠.	.0	.0	.0	.0	4.9	3.3	. 8	.1	.0	•1	•	+0.7				
66390	3.2	2.3	.7	•0	.0	.0	.0	6.1	2.4	15.9	•	.0	. 5	.0	75.0				
12615	5.7	3.6	1.6	•0	.0			10.8	6.8	4.6	.2	.0	. 3	•	77.9				
16851	4.1	3.7	1.2	·c	•0		.0	8.9	4.9	. 6	•	.0	. 3	•	85.4				
TOT PCT	3.9	2.9	1.1	.c	•0	•0	•	7.7	4.5	5.2	- 1	•0	.3	•	82.4				

TABLE 3

### PERCENTAGE PREQUENCY OF WINC DIRECTION BY SPEED AND BY HOUR

		. IN	C SPE	ED IKN	151								HOUR	(541)			
FUL DID	0 - 3	4-10	11-21	22-33	34-47	46.	TOTAL	PCT	PEAN	00	03	56	09	12	15	18	21
							OBS	FREC	SPD								
٠,	1.6	4.7	. 9	•	.0	.0		7.3	6.7	5.3	5.4	5.9	*.1	10.1	6.3	8.1	9.6
NE	1.2	7.3	2.3	- 1	•	.0		10.9	8.3	5-0	5.9	:.5	12.4	13.1	11.4	: 4.5	11.6
£	1.7	27.5	7.7		•			22.4	10.0	22.6	19.5	14.5	18.4	21.5	22.1	27.1	19.7
58	1.3	7.7	3.9	.,	•	.0		23.1	9.3	15.0	17.2	15.9	14.1	10.2	11.6	10.3	15.2
\$	1.0	4.7	2.0	. 2	•	.0		7.8	8.7	9.0	6.2	6.4	8.6	7.1	6.2	7.1	8.6
Sh	1.1		3.3	. 2	•	• •		10.1	9.7	11.2	7.1	10.6	0.9	9.6	10.4	9.1	10.7
	1.3	6.9	3.9	• 3	.0	• 0		12.5	9.6	14.6	17.4	13.1	11.2	11.2	14.0	10.4	11.5
No	1.4	5.1	1.3	. 1	•	. 4		7.9	7.6	7.7	10.6	7.5	*.3	8.6	10.2	8	5.6
VAR	.0	.0	.0		.0	.0		.0	.0	.5	.0	.0	.0	•0	-0	•0	•0
CALM	8.0							8.0	.0	6.3	10.4	12.2	11.6	6.6	7.5	4.9	7.2
TCI OBS	1559	4545	2244	133	9	1	2895		6.3	200*	156	1935	190	1949	243	2189	223
TOT PCT	16.7	54.5	25.3	1.5	-1	•		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE SA

		WIND	SPEED	(RNCTS)						HOUS	* (G*T	ı
MAG DIR	0-6	7-16	17-27		41+	TOTAL	PCT	PEAN	00	96	12	18
						CRS	FREC	SPD	03	09	15	21
	4.3	2.9	. 1	•	.0		7.3	6.7	5.3	5.7	9.7	8.2
٧E	4.5	5.5	. 6		• 0		10.9	8.3	7.8	8.3	12.9	14.3
£	6.7	13.1	2.3	. 1	•		22.4	10.0	^2.3	18.5	21.6	24.5
5€	4.9	7.1	1.1	- 1	.0		13-1	9.3	16.1	15.7	10.3	10.4
\$	3.4	3.7	.6	. 1	.0		7.8	8.9	8.7	1.4	:.0	7.3
Š¥	3.4	5.5	1.1		.0		10.1	9.7	10.9	10.6	9.7	9.2
ŭ.	4.5	5 . 6	1.2		.0		1 .5	9.6	14.3		11.5	15.8
Nh	*.1	3.5			•		7.9	7.6	7.4	7.6	4.8	7.8
VAR			.0	.0	.0		•0	.0	.0	.0	.0	.0
CALF	8.5		•••	• • • • • • • • • • • • • • • • • • • •			8.0	.0	6.6	12.1	8.5	5.1
TOT CS	3918	4282	657	35	3	8495		8.3	2166	515,	2192	2412
TOT PCT		48.1	7.0			••	00-0			100.7		

PERIOD: (PRIMARY) 1953-1979 (OVFR-4LL) 1871-1979

是是是一个人,我们是是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人的人, 第二十二章 1000年,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们就是一

AREA OCOS GUATEMALA SE COAST

PERCENTAGE	FREQUENCY	OF	LIND	SPEED	B.V	HOUR	(CMT)

				SIND	SPEED (	KNOTS			PCT	TOTAL
HOLLS	CALH	1-3	4-10	11-21	22-33	34-47	45.	ME TH	FREG	085
00603	6.6	19.6	55.2	26.1	1.3	٠.	.0	4.4	100.0	2166
90330	12.1	11.3	56.6	18.7	1.0	. 1	.0	7.3	100.0	2125
12615	4.5	11.2	*3.1	25.5	1.6	. 1		6.3	100.0	2192
19621	5.1	9.6	55.1	30.1	1.0	. 2	٠.	9.1	100.0	2412
101	710	946	4445	2248	133	9	1	6.3		8895
PCT	4.0	10.7	\$ 5	25.3	1.5	- 1	•		100.0	

TABLE 5													14						
	PCI F	REC			LOUD A		(LIGHTHS) PEAN							CE IL 14 NH (5/					
UND DI	P 0-	2	3-4	5-7	8 £	TOTAL	COVER	000 149	150 299	300 599	650 999	1000	3495	3500	5000 6439	5500 7999	80C0+	NH <5/8 ANY HGT	
N	1.	1	1.5	3.1	1.0		5.3	.1	. :	.2	.7	.9	. 3	. 1	•	٥.	•	5.2	
NE	1.	5	2.4	4.4	2.5		5.3	•	•	.2	1.0	1.7	. 5	. ?	- 1		.,	7.4	
£	3.	1	4.4	10.0	4.6		5.3	• 2	- 1		1.8	2.6	. 9	. 4	. 3	- 1	• • •	15.7	
ŠE	1.	•	2.3	5.7	3.1		5.4	. 1	. 1	. 4	1.2	1.4	. 7	. 2	- 1	. 1		8.7	
Š			1.2	3.6	2.5		5.9	.1	•	. 4	. 7	:.3	. 4			.0		5 1 0	
Šw			1.5		3.5		6.0		. :	. 5	1.2	1.4	. 5				- ;	6.1	
	1.		2.2	5.7	4.2		5.5	.2	. 1	. 4	1.6	2.0	.7					7.2	
A.W	1.		1.5	3.1	2.2		5.5	•	. i		.,7	1.0		.2				5.2	
YAR		õ					10	.3	.c	.c	.e	.0	.0	.0		.0	.0	•0	
CALM	1.		2.1	2.4	1.1		4.6		•		. 5	.,					- ':	5.9	
101 DE			1334	2842	1756	6836		55	45	196	645	840	326	114	33	20	19	4534	4436
TOT PC			19.6	42.2	25.7	100.0			.,	2.7	9.4	12.4	4.6	1.7		.3	.;	66.3	100-0

TABLE 7

CUMULATIVE	75" FRE	G 0F	SIMULT	ANFOUS	CCCLRRENCE
OF CFTLTI	A -F161	41 IK	H 34/81	AND 15	CO ILVI

						YSET (NY	'3			
	C	ILING	2 OR	= 08	2 08	- GR	2 04	= CR	= CP	= 00
	- (1		>10	>5	>2	>1	>1/2	>1/4	>50+0	,0
:	OR	2650C	.5	•0	•6	. 6		.6	.6	
٠	GP	>5000	. 9	1.1	1.1	1.1	1.1	1.1	1.1	1
:	OR.	>2500	2.3	2.0	2.7	2.7	2."	2.7	2.7	2.7
:	OR	>2600	4.2	7.2	7.3	7.4	7.4	7.4	7.~	7.4
:	CR	>1000	14.5	19.3	17.7	19.8	19.8	19.0	₹9.€	19.8
:	0R	>640	25.3	29.1	40.4	29.0	20.0	39.0	29.0	24.0
•	OR	>100	24.7		22.5	37.7	21.8	21.4	31.6	31.6
=	OR	>150	75.1	31.0	32-1	32.5	32.4	32.5	72.5	*2.5
:	CR	· ·	25.3	31.5	32.7	33.0	23.1	33.2	33.3	33.3
		TUITE	1 38	2203	25.85	:369	2317	-144	2326	2326

TABLE 13

PERCENTAGE FREE OF LOW 21 0005 1616HTHS)

.1	1:	N	F

								JUNE							
PERICU: (PRIMARY) 1							7.4	PLE 8				ARE	* 0009 1	PI-CH	SW COAS
		P	ERCENT		CF .IN								f of		
4584 (5P)		N	46	ŧ	SE	S	56	٧	146	410	CALP	PCT	TOTAL		
	PCP	. 0	•	•	•	.0	•	•	•	. c	•	-2			
<1/2	NO PCP	.0	. 3		•	•0		.0	r	• 0	.0	•			
	101 1	.5	.0	• 1	•	•0	- 1	•	•	•0	•	.2			
	PER	.0	.0	•	.0		•	•	•	.0	.0	- 1			
1/2<1	NL PCF	.0	.0	•	.0	.0	•		.0	• C	.0	•			
	131 2	•:	.s	•	•3	•	٠	•	•	٠.	.0	.1			
	PCP			- 1		-1	-1	•		•0	•				
1<2	NO PCP	.c		•	•		•	•	•	·c	.0	. 1			
	101 1	•	•	• 1	•	.1	• 1	.1	•	• 0	•	.5			
	I CP	•	- 1	•2	.:	-1	.2	.7	-1	٠c	.0	1.0			
2<5	NO PCP	•	• 1	• 2	. 1	•	- 1	-1	- 1	٠.۲	•	. •			
	101 1	. 1	.,	• •	. 2	•1	. 3	. 3	- 1	•0	•	1.8			
	PCP	. 2	. 3	. 5		• 3	. 4	.5	• 2	.0	. 1	2.9			
5<10	NO PCP	. 4	. 5	1.5	. 5	. 7	. 6	1.1	.6	٠,	. 3	7.2			
	101 \$	.6	1-1	1.0	1. 1	1.0	1.2	1.6		• 0	. •	10.1			
	PCP	.2	• 2	. 6	.4		.6	.5	.2	•0	•	3.2			
124	NO PCP	6.5	4.4	14.5	11.1	6.2	4.0	9.0	6.5	.0	7.0	84.2			
	TOT X	6.7	5.6	20.1	11.5	6.6	8.5	10.4	6.8	.0	7.1	67.4			

TOT PES TOT PCT 7.4 10.9 22.7 13.1 7.9 10.2 12.5 7.8 .C 7.5 100.0

TABLE 9

					I FPEO WITH V						te		
VSRY	SPD	4	NE	£	SE	s	5.	¥	Nu	VAR	CALP	oc1	TOTAL
(84)	×15	_		_		_			_	_		_	095
	0-3	•0	٠.	•€	•	.0	•	•0	۰.	.0	•	•	
<1/2	4-10	• 5	.0	•	•	٠,	•	•	•	•0		-1	
	11-21	.0	.0	•	:	٠,	•	•	•	•0		- 1	
	22.	•5	•0	•	.0	•0	•	٥.	.0	•0		:	
	101 1	.3	.0	- 1	•	•0	- 1	•	•	•0	•	•5	
	0-3	.0	•0	٠.	.0	.5	.0	-c	·c	•0	.0	.0	
1/5<1	4-10	•	.0	٠٥.	٠.	•	•0		•	.0		•	
	11-21	.0	٠.	•	•	•	•	•	•	•0		• 1	
	22.	.0	.0	.0	.0	٠.	-0	.0	٠0	.0		-0	
	101 1	•	-0	•	•	•	•	•	•	.0	.0	• 2	
	0-3		• 0	.0	.0	٠.	.0	.0		.0	•		
1<2	9-10	•	٠č	•	•	•	•	•	•	.0		- 1	
	11-21	.0	•	. 1	.0	•		•	•	. 0		• 2	
	22.	.0		•		•	.c	.0	.0	.c		•	
	101 1	•	•	. 1	•	.1	- 1	. 1	•	.0	•	•5	
	r-3	•		•	•			•	•	.0		-2	
245	9-12	•	. 1	.2	.1	•	.2	- 1	- 1	.0			
	11-21	٠.	• 1	. 2	-1	- 1	. 1		•	.5			
	224	•	1	•	-	•		•	•	.0		• 1	
	101 2	. 1	•2		.3	•2	. 3	• 3	• 1	.0	•	2.0	
	0-3	- 1	- 1	.1	- 1		-1	• 1	. 1	.0		1.1	
5(10	9-10		. 5	. 4	. 7	.5	.5	. ;	. 5			4.6	
	11-21	- 1	. 5	. 6	. 5			.6	.2	.0		3.7	
	22.	•0	.1	.1	•	.1	. 1	.1		.0		.5	
	101 1	. 5	1.1	1.4	1.3	1.0	1.2	1-6	. \$	.0	. •	7.7	
	0-3	1.5	1.1	1.6	1.2	.,	1.0	1.1	1.2	٠.	7.3	16.9	
10.	4-13	4.3	5.7	11.5	6.9	4.2	4.4	6.0	4.5	.c		48.9	
	11-21	• 5	1.7	6.6	3.3	1.4	2.5	3.1	1.1			20.5	
	22.		.1	. 3		.1	1	• 2	•	.0		. 9	
	101 1	6.6	٠.6	20.C	11.5	6.5	8.5	10.5	+.4	.0	7.3	87.3	
,	101 005												8653
	TOT PCT	7.3	10.9	22.5	13.1	7.8	10.1	12.5	7.9	٠.	7.4	100.0	

									30	35									
PERIOD:	(FRIMAPY) (GYER-SLL)	1953-191 1871-19							TAPLE	10			A D	*	0009	GUAT		SW CO	٠
					PED	CE41					HIS (F	661.5# 1908	>4/81 A	M.C					
		H0UR	000	153	300	600	1000	2000	3500	sono	650E	*000	TOTAL	٠,	( (5/8	1611	L		

HOUR (G=1)	000 149	150 299							650C 75V9		TOTAL	*H (5/8	
00603	. 5	.4	1.8	6.4	10.0	5.9	2.1	.5	•2		24.2	73.5	1921
00600	. 9	.3	2.6	7.5	10.5	4.2	1.3	•2	. •	. 3	26.5	71.5	1662
12615	1.0	1.0	3.8	11.1	13.7	4.6	1.0	.4	- 1	. 1	57.C	63.3	1837
18621	.6	.7	2.6	10.4	23.4	5.2	1.6	.7	.5	. 4	36.4	63.5	1887
101 PC T	£5				673 11.9						2342 32.1		7307 100.0

			11	HELE 1	:						TABLE	17		
		PERCENT	FrEQUENC	* 4584	(54)	<b>FY HOUF</b>		CUMULAT					VSBY (4P)	
HOUR (GH*)	<1/2	1/2<1	1<2	2<5	5(1^	10•	101#L 045	#3UR (GP1)	<150 <50YD	<600 <1	<1000	1000* ANDS*	NH (5/4 AND 5.	TOTAL
C0£93	.0	.0	• 2	1.6	7.2	90.9	2162	00103	.5	2.9	10.2	17.2	72.6	1837
0660	. 3	•2	. 3	1.5	10.0	67.7	2135	06106	1.0	4.1	13.C	17.e	69.5	1572
12615	.5	.3	.6	3.1	12.5	43.0	2146	12615	1.2	6.1	18.5	20.3	61.2	1759
16621	- 3	.1	• (	1.6	9.4	87.5	2376	18821	.7	4.2	15.7	21.9	62.3	1827
TOT PCT	25		*0	174	879 9.6	7751 87.3	6882 100.0	101 PC1	57	302		1350	4640 66.3	6995 100.0

				,	AGLE 13	1									TABL	E 14				
	PERC	ENT FO	EQUENC	Y OF P	ELATIVE	HUP11	DIIY 91	TEMP				PERC	<b>E41 FD</b>	EQUENC	Y OF 1	IND D1	RECTIO	N BY 1	Emb	
									TOTAL				_			٠.				
TEMP F	0-29	30-39	+0-49	10-59	63-69	70-74	10-89	40-100	065	ttec	N	46	E	30	,	5.	٠	4.	***	CALM
90/94	.0			- 1	. 7	. 3	. 1	.0	46	1.2	.:	.2	. 3	.2	. 1	•	.2	.2	-0	-1
85/89		.5		.1	2.3	10.0	2.4	. 4	1057	15.2	1.5	2.0	4.2	1.7	. 6	.7	1.6	1.4	٠.	1.3
80/84	.0			. 1	1.5	22.6	35.0	6.7	4797	46.6	4.5	7.2	15.7	9.5	5.3	6.9	4.2	5.0	٠.	6.1
15/79			٠.٠					7.6	100*	14.4		1.2	2.2	1.5	1.7	2.7	2.6	1-1	-0	. 6
70/74		.:	• •0	.0	.0	.c	•		26	. •	•	•	•	. 1	•	- 1	•	- 1	.0	•
TOTAL	c		1	17	320	2 2 3 5	3245	1052	697C	100.0										
PCT	.0	.0	•	.,		33.5		15-1			7.4	10.6	22.4	12.5	8.0	10.4	12.5	7.8	.0	e - 1

				TAP	LE 15									TABLE	16			
	WEARS.	EXTRE PE	S AND	PERCES	TILES	OF 16	PP (DE	G F F E	4 HCUE		2( PC	ENT FRE	CUENCY	OF RELA	IIVE H	<b>*101</b> *1	84 HOU!	•
HOUR (G=T)	PAT	992	95%	103	52	11	-14	PEAN	TOTAL	#0L2	09	30-49	60-69	70-79	60-69	+0-100	"EAY	10141
00103		89	6.7	8.2	78	75	71	£2.6	2200	70807	. 0	- 1	5.7	41.2	42.4	10.6	80	1921
06609		46		62	78	75	69	61.4	2199	06609	.c	.0	1.0	25.9	55.6	16.4	4.3	17:6
12615		86	44	81	77	7 .	73	8.75	2216	12615	3.	• 2	1.6	20.8	55.6	21.6		1784
10621		91	89	14	76	74	73	23.5	2441	18621	.0	.7	9.4	45.0	33.4	11.6	79	1638
101	95	90	6.7	8.2	77	75	69	82.1	96.48	101	0	18	327	2394	3345	1090	8.2	7164

PERIOD: (FRIMARY) 1053-1970 (OVER-JEE) 1471-1979

TABLE 17

APEA COOP GUATEMALA SW COAST

PCI FREG OF A10 TEMPERATURE LOFG F) AND THE OCCURRENCE OF FOG INTIMOUT PRECIPITATION)
AS AIR-SCA TEMPERATURE DIFFERENCE LOGG F)

AID-SEA	• 9	73	77	61	45	89	>92	101	•	NO
THP DIF	72	76	# C	84	86	92			FOS	FOG
14/16	.0	.0	.0	.0	.c	•	.0	1	.0	•
11/13	.0	. 3	-0	.0	•	.0	•	5	.0	.1
9/10	.0	.0	.0	- 1	•	. 1	•	19	.0	•2
7/8	-0	.0	•	• 2	. 3	. 3	-1	65	.0	
t	.5	.0	.0	- 1	- 3	.2	.0	44	.0	.6
5	-0	.6	- 1	. 2	. 7	. 4	٠.	110	.0	1.4
*	٠.	.0	•	.6	1.2	. 4	.0	178	•	2.3
5	.0	.0	- 1	. •	1-5	- 1	.0	201	.0	2.6
2	-0	.0	. 3	2.9	2.2	.2	.0	433	.0	5.5
1	·c	.0	- 3	3.6	2.3	. 1	.0	524	.0	6.4
0	•0	•	1.0	9.6	2.5	. 1	٠.	1035	.0	13.2
- 1	.c	•	1.3	*.2	1.6	-0	.0	455	.0	12.2
+2	-0	- 1	2.7	11.5	. 9	.0	.0	1172	•	14.9
-3	-0	- 1	3.2	7.9	. 2	.0	.0	843	.c	11.4
- 5	.0	. 1	4.1	6.6	- 1	2.	.0	860	•	11.G
-5	.0	.1	3.5	3.4	. 1		.0	564	.0	7.2
-6	•	. 3	2.6	1.1	•	-0	.0	313	.0	4.0
-7/-6	.0	.5	2.4	. 7	•	٠.6	.0	317	.0	4.0
-9/-10	.0	-5		- 1	٠.0	.0	.0	118	•	1.5
-11/-13	•	. 4	•2	•	٠.	.c	.0	49	•	. 6
-14/-16	•	٠.		٠.٤	.c	-0	-0	2	•	•
TOTAL	5		1805		1109		9		6	7832
		170		4601		139		7£38		
PCT	- 1	7.2	23.C	50.7	14.1	1.6	- 1	100.0	. 1	49.9

Pc4100: 10VER-4LE3 1463-1979

TAPLE 18

				PC	T FREC	of wind	SPEEC	(KIS) AND DIR	EC110% 1	EPSUS S	EA HEIG	HTS (FT)	)	
											٩E			
HGT	1-3	4-1C	11-21	22-33	34-47	*8*	PÇT	1-3	4-10	11-21	22-33	34-47	48*	PCT
<1	٠.	1.0	•	.:	. 5	.0	1.5	•2	1.2	. 1	.0	•5	.0	1.5
1-2	• 5	2.0	- 1	٠.	.0	-0	2.6	.4	3.1	• 5	-0	.0	.0	4.0
3-4	•c	· t	- 3	-1	• 0	•0	1.2	٠.	1.4		- 1	.0	•0	2.3
5-6	*C	• •	-1	.c	•0	.0	•2	•¢	- 1	. •	-1	•0	.0	.5
.7.	-0	.5	•0	•0	•0	.0	.0	•0	-1	-1	-1	- 1	.0	• 5
8-9 10-11	٦.	.:	.0	. 2	.0	. 0	.0	•0	٠.	-1	-1	•0	.0	• 5
12	.0	3.	3.	.c	•6	.c	.0	•0	.0	•0	.0	.0	•0	.0
13-16		::	.0	.0	ç.	.0	.0	.0	•0	3.	-1 -0	.0	.0	.1
17-19	.5			:č	.6	:5	.0	.0	.0	.0		3.	.0	.0
20-22	.8				: :	5:		.0	.0	.0		.0	.0	:0
23-25	.5	.5	.6	.0	.0			.0	:5	:6		·č	:0	
26-32			.c		.č			.c		.0	.0	.0	.5	:0
33-4C	.0	.0			. 5	.0		.0	.0	.0	.0		.0	.0
41-44					.0		.5	.0		.0				
49-60	.0		.0	.0			3.		.0	.0			.0	.0
61-70	• 0	.0	2.	.5			.0					.0		
71-96	.0		•0	.0	.5	•0	.0	.0	.0	.0	.0	.0	.0	.0
27.	.с	.0	.0		.0	-0	.0	.0	.0	.0	.0	9.	.0	•0
TOT PCT	1.0	4.C	.5	-1	.0	.0	5.5	.6	5.9	1.4	.3	. 1	.0	8.7
				_										
HET	1-1	10	11-21	22-33	34-47		PCT	1-3	4-10	11-21	22-33	34-47	48.	PCI
<1		1.6					2.6			•		3.	.0	1.2
1-2	• 2	5.2	1.7	.0	-0	.5	7.1		2.7		.0	.0	.0	5.1
3-4	. 0	33	2.4	. 3	. 5		6.1	.0	2.0	1.9	.0	.0	.c	3.4
5-6	.0	. t	2.2	•	• 3	.0	3.0	.0	-2	1.3	•	.c	.0	1.5
7	•0	- 1	. 5	• 2	- 1	• C	. 4	.0	• •	• 2	-2	.0	.0	•\$
4-1	٠.	.0	- 3	-0	.0	-0	. 3	.0	.0	- 1	.1	.0	.0	• 2
10-11	٠.	.0	٠.	. 1	.0	.0	- 1	.0		.1	.0	-0	.0	- 1
12	.0	.0	•6	٠.	.0	.5	.0	•0		. 1	.0	.0	.0	- 1
13-16	•0	-0	٠.	٠.	.:	•0	.0	-0		. 1	.0	•0	.0	-1
17-16	-0	.0	•6	•0	.0	.0	٠.	.0	.0	-0	.0	•0	.0	-0
20-22	. c	.0	.5	.c	•0	.0	.0	•¢	.0	.0	-0	•€	.0	.0
23-25	٠.	.0	• •	٠.0	.5	-0	.0	•0	.0	-0	.0	-0	. 5	٠¢
26 - 32	• 0	٠.	7.	٠.		٠.	٠.	٠.	.0	.0	.0	•0	٠.	•0
33-4C	•0	٠,		-0	• 0	-0	.0	.0	.0	•0	•0	2.	.0	-0
49-00	-0	 2.	.o 	-6		.0	.0	-5	٠.	••	.0	.0	-0	.0
61-70	.0	.0	• • • • • • • • • • • • • • • • • • • •	.c	.5	3.		••		•0		7.	٠.	.0
71-46	.0					.0	.0	-0	-0	3.	3.	٠.٢	.0	.0
\$7.	-0	::		.0	.5	.0	.0	.0			.5	o.		•6
TOT PCT	- 6	10.4	7.7		-1	.0	14.4	.7	6.8	4.6	.3	3.	.0	12.5

								J	UNE							
?{@10D:	COVE	9-1663	1963-1	979				"48LE 18 1	CCAT	,			IR(A	11.		ALA SE CCAST
				PC	T FRED C	FEIND	SPEED	(KTS) AND	DIFE	CTION Y	EPSUS S	EY HEIG	HIS (FT)			
				5								56				
HGT	1-3	4-10	11-21	22-33	34-47	48.	PCT		1-3	4-1C	11-21	22-33	34-47	48.	PCT	
(1 1-2	.3	1.3 3.C	.?	-0	.c	.0	3.5		- 1	1.7	.0	.0	٠.	•0	1.5	
3-4	::	1.3	1.1	-0	.0	.0	2.5		.5	3.3 2.G	1.5	.с	٠.	.0	4.5	
5+6	::	1.1	٠:;	.2	::		1.1		::	7.3	1.5	.ī	2.		2.3	
7		. i			.c				ić.	·c			.с			
4-4	.0		. i	.0	.ŏ				ě				·č			
10-11	.0	.0	.6	.0	.0	.0	.0			.0	. 1	.c	-0	.0	.1	
• 2		.0	. 1	.0	. 5		. 1		.0	٠.0	3.	.5	٠.	.0	.0	
13-16	-0	.0		-0	.5	-0	.0		.0	.0	.0	.0	٠.	.0	.0	
17-19	.0	.0	.0	٠.	•0	.0	.0		-0	.0	.:	.0	• 0	.0	.0	
20-22	٠.	٠.	.0	• 9	.0	-0	.0		.0	.0	.0	.0	•0	.0	-0	
23-25	.0	•0	.0	•0	.0	.0	.0		٠.	٠.0	.0	-0	.0	.0	.0	
24-32	.0	٠.	.0	• c	• 6	٠.0	.0		.c	.0	.0	.0	٠.	.0	•0	
33-40	٠.	•0	.5	.c	• 2	.0	-0		٠.0	-0	•0	.0	•0	.0	.0	
41-48 49-60	o.	•0	٥.	.0	::	.c	.0		•0	•0	•€	.0	•	•0	.0	
61-70	.0	۵٠	.0				.0		.0	.0	2.	.0	.0	.c	.0	
71-86	.5				::				.0		9.	.0	.0	.0	.0	
47+		.0	.0	.0	.5	.5			.0		.0	.0			:0	
101 PC1		5.8	2.6	::	.;	.5	9.3		.,	7.3		.3			13.6	
												Na				TOTAL
HSI	1 - 3	4-10	11-21	22-33	34-47	46+	PCT		1-3	4-1C	11-21	22-33	34-47	40.	PCT	PCT
<1		2.1	*****				2.7		.5	1.4	11-11		.0	.0	2.0	PC.
1-2	. 5	3.7	1.1	.0	.5	.0	5.2			2.2	.6	.5	-ŏ	.0	2.9	
3-4	. 4	2.4	2.1	- 1		.0	5.0		.1	. 9	.6	.0		.0	1.5	
5-6	- 1		1.6	•	.0		2.5		.0	. 4	•2	•	•5	.0	.6	
7		- 1	. 3	- 1	.0	•0	. 5		.0	.0	.0	•	•:	.0	•	
	٠.	- 1	-2	- 1	.5	-C	. 3		.0	.1	.0	.0	•€	٠.0	- 1	
10-11	٠.	٥.	٥.	-1	.0	.0	4.1		•0	•0	.0	.0	• 6	•0	٠.	
12	٠.	٠.	.0	.0	-5		. 0		.0	•0	•0	٠.	•0	•0	- 0	
13-16	.0	• 6	• 2	-0	.0	.0	.0		•D	•\$	.0	•0	•€	.0	-0	
20-22		3.	.0	•0	.0	.c	•0		.0	• • •	٠.	.0	•0	.0	-0	
23-25		٠:	:5	 	:5		.0		.0	.0	3.	-5	3.	.0	.0	
26-32		::				.0	.0		.5	.0		1		3.	.0	
33-40	.0		: :	.0	::	.5				: 5			;;			
91-48	.0	.0		•0	• 2	3.						3.				
49-6C	.0	.5	.č			.6	.c					.:	ř			
61-70	-0	٠.	-0	-0	.6	.0	.0		.0	.5	.0	.c	-n	.0	.0	
71-46	-5	.0	-0	.0	.5	-0	٠.		-0	.0	•C	.0	••	.0	•0	
67-	.5	.0	٥.	.0	•¢	.0	.0		٠.	-0	.0	.0	•-	.0	.0	

	MIND	SPECO	(#TS)	VS SEA	HE IGHT	(FT)		
HGT	0-3	4-10	11-21	55-33	34-47	***	PCI	tot OES
<1	10.4	11.4	. 4	.0	.0	.0	22.7	
1-2	3.3	25.9	5.7	.0		.č		
3-9		13.7	11.2					
5-6	.2	2.7	8.2					
7	.0	.:	2.C	. 8			3.2	
8-9	.0	.2		. 7		.0		
10-11	-0	-0	-1	. ?			.3	
12	.0	.0	- 1	-1		.0		
13-14	. c	.0	• 1	.0				
17-19	.0	- 0	. 6	.0			.0	
20-22	.0		.0	.0		.0		
23-25	٥.		٠.٤	.0		.c	.0	
26-32	.0	.0	.0	.0		.0		
33-40	•0	-0	.0	.0		.0		
41-47	.0	.:	-0	.0		.0		
74-46	.0	.0	.0	.0	.0	٠.	.0	
61-70	٠.	-0		.0	.0		. c	
71-86	.0	- 0	.0	.0	-0	.0	.0	
•7•	.0	-0	.c	.0	.0	.0	.0	
								1067
TOT PCT	14.9	54.2	28.7	2.1	.2	.0	100.0	

PERIOD: 10VEP-ALL) 1949-1579 4.5 13.7 .1 2.6 .1 1.0 .0 .5 .0 .0 .0 .0 5.2 1.7 628 1234 9.9 19.5 61-70 71-66 .C .D .O .D 7074L 2045 1575 713 270 101 63 725 6372 100-6 3-9 15.6 7.9 3.0 1.0 .8 .0 2.1 1922 30.3 5-6 7.3 6.9 3.1 1.1 .6 1.9 1.9 1.9 22.7 1.3 .\* .2 .1 .3 253 .3 .1 .1 .1 .1 ... .1 .2 .1 .0 .0 .77 ... ••••••• . . . . . . . . . . .......... .......... ........... 0000000000 000000000 2.4 3.7 2.3 .9 .3 .4 467 10.5

	JULY	
PEPIGO: EPGIMERY) 1957-1979 EOVER-ALLS 1872-1979	TABLE 1	APER OCCOR GUATEMALA SH COAST
	PEPCENT FREQUENCY OF BEATHER OCCUPE	ENCE BY WIND DIPECTION
	POFCIPITATION TYPE	CIMED SESTMED PHENOMENS

				PLCIPI	TATIC	TYPE					OTHER	FERTHED	PHEND	HENE	
ert Cio	PAIN	PAIN SHAR	Celt	FRZG PCPN	SNOL	CIHER FRZN FCPN	HAIL	PCPA AT CB TIME	PCPR PAST HOUP	THOR LING	FCPA FCPA	FOC WO PCPN PAST HD	SPORE MAZE	SPRAY BLMG DUST BLMG SHOW	
	1.9	1.4	.5	.c	.5	.c	.6	4.6	2.3	7.5	.0	.0		•5	65.4
NE	7.0	1.5	. 5	٠.	.0	.0	.c	5.3	2.1	5.0	. 2	.0		٠.	16.6
£	3.2	1.5	1.3	.:	.5	.0	. 0	6.1	3.4	5.4	•2	.0		- 1	45.0
ŠF	3.4	2.1	1.4	.0	٠.	.0	.c	7.1	3.5	6.4	٠.	.0	. 3	,	\$2.9
Š	4.5	3.3				.0	.0	8.7	5.1	5.1	. C	.0	.2	- C	01.3
Šb	6.7	3.7	1.5	.c	.0	.0		11.0	4.1	4.4	.c	.0	- 1	•0	#0.C
•	3.9	2.4	1.3	٥.		.5	3.	7.A	3.1	6.2	.2	.0	.2	•0	82.8
14	2.6	2.5	. 3	i.e		.ċ	ä.	5.6	2.5	7.6	. 1	.0	. •	•C	£3.3
¥40		.0		٠.	ů.	.0	٦.	.0	٠,	.0	.0	.0	.0	• C	•0
CALP	.3	- 43	.3	.c	•6		.c	1.6	1.6	9.2	. t	.0	1.3	•3	85.3
TOT PCT TOT OBS:	3-1	2.5	1.1	.0	.0	.0	-0	6.0	3.0	٤٠٠	.2	•0	٠.	•	44.5

TABLE 7

FECENT	FPF CHENCY	CF	PEASHER	CCCUPPENCE	8 4	HOUP

			F	4EC 1P1	14110	TYPE					CTHEP	PETTHER	PHENC	HERA	
HOU4 (G=1)	PAIN	SHES SHES	DPZL	FR7G PCPA	540+	OTHER FRZA PCPA	MAIL	PEPN AT	PCFN PAST HQUP	THOP LTNG	FOG NO PCPN	FGG WO PCPN PAST HP	SPORE	SPRAY BLMG DUST BLMG SNOW	
FLEG3 P6604 12615 16621	1.2 2.5 5.9 2.8	1.7 3.2 1.6	1.0 1.8	:: :: ::	.0 .0 .0	0. 0.	.: .: .:	5.1 5.2 10.6 5.3	2.0 2.5 4.1 3.2	14.2 6.1 .7	.4	.0	.4 .3 .4	.1	#2.5 73.* 79.2 #0.1
TOT PCT TGT 095:	:.1 *5*6	2.0	1.1	٠.	.c		.c	•••	3.0	٠.٠	.2	•0	••	•1	84.3

TABLE 1

PRECENTAGE FRE	CHESCY OF L	TED DIDE "	1166 BY <26	ED AND BY HOLD

		-1	n SPEI	ED 1850	121								неир	*6#11			
PPL DIS	0-3	4-10	11-21	22~33	34-47	484	TOTAL		+644	CD	03	26	6.4	.2	15	18	21
							065	FPFG	500								
	2.7	5.5	. •	. 1	•	-0		*-2	6.4	***	5		12-3	31.1	11.5	7.7	6.0
NE	1.7	11.0	4.7	. 3	•	.0		18.6	6.7	14-0	18.5	13.4	25.4	22.9	23.5	22.0	10.0
ť	2.5		12.9	1.0	. 1	-0		33.4	10.5	33.3	27.6	30.1	26.5	33.5	33.9	29.0	36.8
3 €	1.0	7.1			•	•0		12.7	10.0	17.2	16.3	15.1	4.5	8.9	7.9	10.2	12.7
		7.4	1.1			.0		4.9	2.0	6.3	5.9	5.1	*	4.5	2.*	3.7	4.6
Šk		2.3	.,			.0		3.6	7.9	4.7	3.7	3.8	2.5	3.1	2.2	3 - 1	1.5
	1.0	3.1			.0	3.		5.6	7.5	6.1	5.5	6.5	3.7	•.3	3.4	4.1	3.3
No.	1.2	3.5		-	.0	- 0		5.5	6.7	5. 1	6.5	5.3	5.7	5.9	4.8	5.1	4.2
415	1.8		. è	.0		-0		.0	.0	••	ø	.c	+0		.0	.0	-0
CAL	7.7							7.7	•0	8.2		11.0	10.9	6.0	5.5	4.5	
101 CES		4750	2345	156	10	0	6882		4.5	2044	127	2039	202	1926	219	2126	:•:
101 PC1			26.4			•0		100.0		100.0	100.0	100.0	100.0	100.0	150.0	100.0	100.0

TABLE SE

		-120	SPEED	(#NCTS)						HOU	16#1	,
41C 01P	6-5			34-45	41.	1073L	PC1	PEAL	S3	200	12	14
					•	0=5	FFEC	SPD	63	24	15	21
	4.8	3.7	. 1				1.7	4.5	4.4	9.2	11.2	7.7
NE.	7.1	10.2	1.7	. 1	-0		10.6	4.9	14.2	14.5	23.0	22-5
Ę.		20.2	4.0	.2	•		33.6	10-5	33.0	29.7	33.5	34.4
ŠC	4.1	7.2	1.4	. 1	-0		12.7	10-0	17.3	14.5	4.1	10.4
ŝ	2.3	2.2		.c			4.6	5.0	6.3		4.4	3-6
Śa	1.7	1.6	. 2	.0			3.6	7.4	4.7	3.7	3.0	2.4
	2.6	2.2	. 3	.č			5.0	7.5	6.0		*.C	4.0
ī.,	3.1	2.3	.í	·			5.5	6.9	5.9	5.4	4.2	5.2
,12			2.					.0	•0		.0	
CALF	7.7	••	•-		•••		7.7	.0	F.4		4.7	
101 095	27.7	4374	420	3%	2	8962		4.5	2171			
					•	• • • •		***				

F466 270

JUL 7

PERIOD: (PPIMAPY) 1953-1976 109ER-ALL) 1872-1979

是是是这种,他们是是不是一个人,他们是是是一个人,他们是是一个人,他们是是一个人,他们是是一个人,他们是一个人,他们们是一个人,他们是一个人,他们是一个人,他们

TABLE 4

APER COD9 GUATEMALA SE CORST

ı,	PEFATAGE	FPE SUFACY	CF	-115	SPEED	 POLE	16-11	

				6140	SPECE I	KACISI			PCT	10144
HOUR	CAL	1 - 3	4-10	11-21	72-33	34-47		4614	e b i c	^e5
00103		10-5	54.4	25.0	1.6	•	.0	8.2	100.0	2171
92340	11.6	:1.3	54.4	20.6	1.3	- 1		7.5	100.0	2240
12615	6.0	10.4	5 3	27.3	1.4	.2		8.7	100.0	2145
14621	*.6	9.5	50.9	32.5	2.5	•		9.3	100.0	2325
161	643	9:0	4756	2345	154	16	ė	6.5		6462
PFT	7.7	10.0	43.4	24.4	1.4				100.5	

TABLE 5

....

•	PCT FREC OF TOTAL CLOUD AMOUNT (EIGHTHS) BY WIND DIVECTION							PERCENTAGE FREGUENCY OF CEILING MEIGHTS (FILM) 24/F) AND OCCUPAENCE OF PH 45/P MY WIND PIRECTION											
AND DIS	r-2	3-4	5-7	\$ £	TOTAL	COALL	700	150 269	300 599	900	1000	2000 3460	3550 4969	500t 6459	6400 7660	ACCO+	4H (5/A 4h7 HGT		
ĸ	1.6	1.4	2.9	1.3		4.7	.1	•	- 1			. 3	. 1	•	•	•	5.0		
NE.	3.5	• . 0	7.2	3.4		4.9	-1	.:	. 3	1.0	1.7	. 6	. 3	- 1		• :	13.5		
E	6.6	7.3	13.7	7.2		5.0	.3	. 1	.7	2.4	3.5	1.5	.6	-7	.2	-1	24.4		
s C	2.1	2.4	٠.3	2.0		1.2	- 1	•	. 3	1-1	1.7	. •		•	. 1	•	*.7		
s			2.3	1.0		5.7	•	•	- 1	. 7	. 8	. 3	- 1	•	.0	.0	3.1		
\$ 6		.5	1.0	1.4		6.0	•	•	- 1		.+	• 7	. 1	•	.0	•	7.0		
	. 6		2.1	1.1		5. 4	. 1	•	. 2	٠.	. 7	. 3		•	. 1	- 1	٠.;		
6.5	1.0	1.1	2.0	1.1		5-1	•	•	- 1	. 3			. 1	•	•	•	3.4		
VAP	7.	٠,٢	.0	.0		.c		.0	.0	.0		.5		.0		٠.			
CALM	2.2	1.4	2.7	1.1		4.4	•	.0	. 1				. 3	•	•	•	t.2		
10" 085	1290	1394	2664	2426	6778	5.0	5.3	26	137	496	707	325	123	37	39	31	4954	677#	
TOT PC:	:0.0	20.6	34.3	21.0	100.5		. A	. 4	2.0	7.3	10.4	• • •	1.2	.5	. 4	•5	70.€	100-0	

TABLE 7

# CUMULATIVE PCT FRED OF SIMULTANCOUS OCCUPPENCE OF CEILING HEIGHT (NM DAVA) AND VSRY (NM)

						YSRY INF	')			
	CI	11 146	= C#	1 00	: 08	2 OR	= 04	: 04	: 0*	= CR
	"	(11)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
:		>5500	.4	1.0	1.1	1-1	1.1	1.1	1-1	1.1
:	99	>* 600	1.4	1.5	1-4	1.6	1.6	1.6	1.6	1.6
:	C.	>3500	3.3	2.3	3.4	3.4	3.4	3.4	3.4	3.*
=	Ç₽	>2650	7.3	4.0	9.1	8-1	2-1	6.1	0.1	
:	04	>1000	14.1	14.0	18.4	14.5	18.5	10.5	14.5	18.5
=	ÇĐ	2600	21.3	24.6	25.5	25.7	25.7	25.7	25.7	25.7
:	98	>300	22.3	26.6	27.4	27.6	27.7	27.7	27.4	27.8
=	20	2150	72.4	76.5	27.4	26-0	24.0	21.6	20.1	29.1
:	23	> 0	22.€	27.5	24	26.7	25.1	24.4	28.9	Ze.*
		TOTAL	15 '7	1644	1444	1454	1982	: 4 + 1	1996	2967

PCT FPEC SH (5/5: 71-1

TABLE 7A

#### PERCENTAGE FREE OF LOW CLOUDS (EIGHTHS)

C 1 2 3 4 5 6 7 POSSCP OBS 11-2 16-4 17-7 14-6 11-2 7-5 7-2 5-7 4-2 .4 7352 JOLY

	 												4064	11.6% STREET SE COST
PERICU:	[PDIPERTY 14	11-1076						1454	. •					
•	IOVER-ILLI 14	12-34 4	76	ucent i	1919 C	F &[M <sup>r</sup> P]]&T]C	019EC1	104 45 4404	PC AT	\CE 0 Suu.	08 40 F ¥353	%-0CCU 811117		
	1464		*	SE	4	\$£	\$	Se		***	ATE	CILM	<b>PCT</b>	101AL CBS
	1571				• 1	•	•	.:	•	•	.0	:	.2	
		PCP	•	- 1	٠:		•	.0	.0	•	٥.	.0	.;	
	<1/2	101 1	:	.;	·ì	•	•	.0 .0	٠	•	.0	•	••	
								_	_	-	.0		•	
		PCP	.7.	.5	•	•	.c	.0	•	Ö	.0	.c	•	
		40 PEF	.E	.1	•	.c	•0	.0	• 6	iñ.	.0		. 1	
	17251	101 1	.0	. 0	•	•	.0	••	•	• 6	••	•	• • •	
		171	••	•							٠.	.0	-7	
		929			.1	. 1	.0	•	•	٠.٠	•;		. 1	
		NO PCP	.0		•	.5	•	.0	•0	2.	.0	īč		
	1<2		•••		-1	. 1	•	•	•		•0	••	•	
		161 1	-	• •						_			. 4	
			_			- 1	- 1	•	- 1	- 1	•6	Ĭ		
		PCF	•	• 3		•	•	•	•	.:	•6		1.4	
	2<5	MC PCP	- 1	. 1	.2		-1	.1	- 1	.1	.c	.1	1	
		101 1	-1	• 4	• •	••								
						. •	41	. 2	• 1	. 1	٠.	•	7.1	
		PCF	+2					:3	.5		٠.	.*	6.2	
	5<10	WC CCE		1.1	2.0	1.2			- 5	.5	.0	. •	•• •	
		101 1	- 5		2.6	1.2	• • •	•						
							.2	.2	.2	. 1	.0	•	2.0	
		PCP	.2	• •	. •	• •			•.3	4.4	.0	4.4	47.1	
	10+	NC 205	7.4	16.7	29.e	16.0	• • 1	7.0	4.5		.0	7.0	69.7	
	***	101 1	7.4	10.6	30.7	31.3	•.3	: . 0	,					
														#31 <b>*</b>
		101 065		14.5	34.1	17.7	٠.٠	1.4	5-1	5.4	.0	7.4	100.0	

TABLE 9

	PIN ABAING ANTIES OF AISTRIFILE MEDICAL REEC OF PIPO DIRECTION AT PIND PAEED												
	5#0	,	<b>NE</b>	ŧ	SE	s	5 to	٠	**		CALF	PCT	TOTAL
AZAA	#15	•	••						_	.c		•	
14-1		.0	•	٠.5	.0	•	٠.٥	"C	.0		•	-1	
_	3-3	••	•	7.	•	•	.0	•	•			.;	
<:/2	4-10			• 3	•	.0		•	•	٠.0		•	
	11-21	•0		•:	. 3		.0	.0	•	.0		.3	
	22.	.0		.1	•		.0	•	-1	.0	•	• •	
	101 2	•	-1	• •	•							_	
				_	.0	.0	٠٥.	٠.۵	•0	٠.5	•	•	
	C-3	.0	٠.5	.c		:ĕ	.6		٠.	۵.		•	
1/2<1	e-10	.0	٠.	•	•3		.6		.0	.0		•	
	11-71	.5	.0	•	•		.5	.2	.c	.0		٠,0	
	22*	.5	.0	.c	e.	.0		•:	.0	.0	•	. 1	
	ICT &	.0	.c	•	•	٠.	-0	-					
							_	.0	٠.	٥.		٠.	
	3-3	.5	٠.		.c	.5			-5	.0		.1	
1<2	4-13	•	•	•	•	•	•					.1	
142	11-21	-0	•	. 1	٠.	٠.c	-0	٠.		:5		.1	
	22.		•	•	•	-0	٠0	٠.٤	٠.		٠.	. 3	
	767 1	•••	-1	-1	-1	•	•	•	-0	••		• • • • • • • • • • • • • • • • • • • •	
	16: 1	•	••							_	-1	.2	
			٠.	•		.5	•	•	•	.0	• 1	::	
	3-1	•	:3	• 2	. 1		•	•	- 1	.c		::	
2<\$	9-10	- 1		::	.;	•	•	. 1	•	.0			
	11-21	•	-1	.;	•	.0	.c	٠.	.0	.0		3	
	22*	•	:		.2	.;		- 1	• 2	.:	-1	1.7	
	101 4	-1	- 3	.4	• 4	••							
					•	•		-1	- 1	.0		1.0	
	C-3	- 1	. 1	.1		.2	.3	.3	+2	.0	į.	3.8	
5<10	9-10	- 3		1-1	••		.2	lí.	. 2	.0	١	3.0	
,	11-21	-1	. 5	1.2	.5	-2	*:	•			Į.	. •	
	22.	•	- 1	• ?	.:	•	.5	. 5	- 5	.:		4.2	
	101 1	-5	1.5	2.6	1.2	-5	.,	.,	٠.	-			
								. •	1.0		7.1	16.7	
	0-3	1.5	1.6	2 - 3	1.0		.5		3-5			40.7	
12.	4-10	5.1	10.4	16-5	4.3	2.6	2.5	2-4	3.4			22.4	
12.	11-71	7.4		11-4	3.7	. •	.5	. 7				1.2	
		• • • • • • • • • • • • • • • • • • • •	7.2		.3	•	•	•	-0		7.1	**.	
	27*		14.7	30-4	11.3	•.3	3.0		4.8	•1	3 1.1		
	101 2	7-5		-50-	• - • •								8527
	tet ces	_		33.0	17	•.•	1.6	5.1	5.5	•	C 7.6	100.0	•
	TOT PCT	4 - 5	18.6	23.4		- • •							

APER CCCO GUATEMALA S. CORST 11.6% 91.6% A STATE OF THE STA

*****	FRECLENCY D	F CEILING	of IGHIS	IFEFT.SH	34/61	145

-042 (6-1)											10146	SH <5/8		
00103	. 1	.3	1.0	•••	7.6	1	1.5	•!	.t	.5	21-5	74.5	1915	
00000	1.3	-2	:.7	6.4	9.4	4.5	1.4	•:		٠,	26 • I	73.4	1494	
12615	1.1	.5	3.3	15.6	11-5	3.6	1.0		.5	.5	34.7	45.3	1762	
18621	.6	.5	1.7	6.1	21-3	5.0	1.4	-4		.3	2 3	70.7	:455	
TOT										.5		5221 72.2	1230	

TABLE 11 TABLE 17
COMPLATING PCT FREE OF PANCES OF VSBV (NW) AND COMP

		PERCENT	FREGUEN	*C* Y551	F (5°)	PT #64P		CEILING HOT OFFEFTAN SNIATAN HOUR							
+6UR (5*1)	<1/2	1/2(1	1<2	2 < 5	5<10	10.	TOTAL CAS	+00£ (C=7)					44 CS/E	10741 283	
55663	•2	.1	.2	1.5	5.2	75.2	216*	(2123	.2	1.7	7.7	14.5	77.3	162 *	
06609		•	•5	1-+	19.5	£7.3	2225	23725	1.3	3.4	15.6	10.4	72.7	1617	
12615	.•	.1		2.4	10.2	86.3	2146	12625	1-1	5.2	16.6	14.3	43.4	1563	
16622		-1	.:	1.3	7.4	40.5	2202	14421	.5	3.0	٠.,	27.7	6+.7	2795	
:01 •CI	31		28 •3	146	72+ 8-7	7451 44.4	.840 160.0	101	53 • ē		766 11.3	17** 1**C		150.7	

TABLE 13

PERCENT PRODUCTOR OF RELATIVE NUMBERS AT 16-PT

10TAL PCT

10TAL PC

TAPLE 15

TAPLE 15

#EANS, CRIDERS AND PROCENTILES OF TEMP IDEE F1 NY HOLD

#BOUL NA. 982 958 507 52 12 NIN PEAN TOTAL HOUR D-29 30-59 60-69 70-79 82-89 60-100 MEAN 7071

CAS 16FT1

CAS 1

pipiss ippimaras 1051-1575 tobiwalia 1477-1974

TEPLE 17

sefa Code Constants 2. Coast

act which of ath affinitives toke to and the occidance of the estiment descriptations

2:P-567		7.	,,	• :	45	65	162	.51	• 05	***
	22	3.	.:			52			• 55	- 1 -
*** : : :		**								
					-	_	.:	•	.0	•
14/36	• •	.9	٠.:	٠.		•	••	.:		.2
11/17			.:	•		-:	- 1	17	::	• • • • • • • • • • • • • • • • • • • •
		٠.	•		.:	::	-1	47	• 5	. 5
4/:5		9		:	-:	-	::	2°1 2°2 2°2		1.7
2/5	. 7	•*	•	••		:;	• • • • • • • • • • • • • • • • • • • •		. 6	. •
			:	••	:-	-7	••		• • • • • • • • • • • • • • • • • • • •	. ,
•	٠,				1.	:2	.:	3.4	•	• • • •
•	• • • • • • • • • • • • • • • • • • • •	• • •		<u>-</u> - <u>-</u>	1.			213	•=	3.5
•	•-	•	• •	. • :	2		.0	2+2		:-+
:		•	-:	: -:		• •		5**	•	7.1
	66544556666655566	:	- 2	٠.:		-:	.c		•	3.C 5.6 7.1 4.1
•	-:			6.4	:::	•	.5	+2+		
;	••	• •	1.3				.0	1.72	•	15.0
٥		:	1.5		• • •	:		646		:2.7
• 1		•	3.5	۲.۶	1.3	•	••		•	14.3
_:		•	3.5	::-:	- 1	•		1111		
			3.3	4.2	• •	٠.:	.:	766 705		***
-3	••	••			-:			755	•-	9.2
••	٠.	• 2	3		• •	•:	-:	*:*	•	5.2
		•:	2.4		- 2	• ~		24:		3.2
			2.2	. ?	::	• • •		/	• •	ý
- 4	••	.?	1.6	.,	.:	*****	9999999	۶ <b>۰</b> ۴	.:	3.0
-:/	.:	.,					-8			1.:
-4/-1"	٠.:	٠.	.4	-1				76		. 3
-11/-17		• 2	- 1	•	••	•-	• •		·r	.1
			-	-2	• •	٠.:	.0	•		••
-1-/-1-		.;		:	• • •	::	.0 .5 15	1		•
-1"/-2"	•	•7				•••	• • •		14	****
10116	•		: ***		::""		.,	77#2		
•••••		145		** 52		151		2.12:		

statest texte-eff) teri-tele

:14F4 :3

								:5: 456	*IPECT	16	*5U5 5	# HE15-	75 (FT)		
				261		••••	•••	•				\$E			
			٠,						:-:	4-10	11-21	22-12	****	44.	PCT
-57	1-2	4-15	11-21	:3	24-67	• • •	* 5.1		• • •	2.0		** :	-	.5	2.•
(1	٠.٠	1.1	- 1	٠:	• •	٠.:	3.5			4.2	: - 3	.:	• •		7-9
1-2			.:	-1	٠٠.	٠ <u>٠</u>	1.			7.4	3.5	• ₹		٠.	5.0
;	-1			.5	•	::			.1	. 4	1-7	-1	• •	-7	2.2
5-6	:5	:			• 1		.;		.:	-1	:;	•	-5		.5
***	.5	-2	- 1		•-	•••			•=		.7	•	-	•=	
	.0	::				.s				.0		.1	:-		:=
12-11 12 13-16 17-16 2 -22 23-25	-0		• • •	::	٠,				.:	-0	ء.	.0	•-		
12		•=	•	•=	•	:			.0		•:	3.		- 1	ī.
13-10		••		• • •					.:	-5	• • • •				
17-15	• •	• •			-	٠.	٠.		٠.	:	• • • •	• • •			.0
2 -22	•:	:		::		- E	.=		.5				17	.5	.0
23-25	•1	::			:	٠.	.=		•=	-2	3.			.=	-5
25-32 33-42		.:	• •				.0			:	1.	.:		.5	.3
33-42	::	.5	-			.=	-5				::			.5	-0
-16	::				::	٠.	-:		•5		7.	-2	::	.5	.0
46-65		•••					٠.		::	• • •			-	.3	.0
61-7C 71-86	15		-6	.:	٠.:	.:			•=	.c		:		-3	.c
11-96	-;	::		-5	::	٠.5				11.0	4.3			.3	14-1
167 PET	.r	 .: 	1.:	-:	.:		•		•••						
10	••	•													
												5E 22-23	_		PC1
				•	_		PC1		1-3	10	11-21	22-23	30-0"	•••	1.3
W _ T	1+3	12	11-21	27-33	3		3.4			:.:		.;			• • • •
G.	1-2	2.6	-1	-6		• • •	:7			3.4	1.0	٠.		• • •	3.5
: - :			1.	٠.	• •					1.4	1.3	::	•:	::	1.4
3	- 3	5.5		:;	:	::	4.5		.5	- 5	1.3	::	-	- 12	
5	-:	1.0		::					•:	.:		• • •		::	
7	٠,	- 3		::	-		• ;		:	• • •	-1			- 6	-1
*-6	-3	•=		:-			- 1			- 2				.0	
17-11	.5	.:	• • •			.:	.3		٠.	::			-	.c	.t
53-11 11-14 13-16 15 13-11		::				٠.			•=	.5		.0		 2.	-0
13-16		-		-5			٠.			- :				.c	-0
11-14	• • •				• •	3.			•:				7.	.0	.5
23-		- :		.:		-5	• •							.5	
73-	:-			.:	• • •	٤.	• • •		• • •			=		.3	-0
26-32 33-63	:-						.s .s .s			::	.1	5	• • •	٠.	
41-44				•	• • •	• • •	• • •					٠		.=	•=
-4-66					• • •						-		•••	.0	
61-76 71-66	::	•1	: :	-:	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•:					:		.0	
71-04	.:			•	• • •	• •	- 3			:		r .:		.3	
101 90		14.	, , ,			:::::::::::::::::::::::::::::::::::::::	,; ,;		.5		٠.	<b>:</b> -:		••	****
161 06	7.4	14.	. :5.7	•	• -:										

PASE 274

TABLE 18 (CONT)

AREA CODO GUATEMALA SE COAST 11.6h 91-GH

'CI FPEG OF WIND SPEED (KIS) AND DIRECTION YERSUS SEA HEIGHTS (FI	13	FREG	٥f	FIND	SPEED	(KIS)	AND	DIRECTION	YERSUS	SEA	HEIGHTS	IFT
---	----	------	----	------	-------	-------	-----	-----------	--------	-----	---------	-----

				-											
				>							\$w				
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCI	1 * 3	4-10	11-21	22-33	34-47	44.	PCT	
<b>&lt;1</b>	. 2	.7	.0	•0	.3	.0	. •	.2	. 6	.5	.0	-0	.0	.7	
1-2	. 1	1.3	.5	.0	.5	.0	1.9	.*	1.3	.2	-0	.0	.0	1.9	
3-4	•0	. 6	. 3	.0	. 3	•0	. 9	•0	. 7	.2	.0	•0	.0	.9	
5-6	.1	•2	• 2	12	•3	.0	.5	•0	. 3	. ?	- 1	•0	•0	.5	
7	٥,	• 1	• 1	٠.٥	٠¢	٠.	•2	-0	.0	- 1	•0	.0	.0	. 1	
4-9	•0	•¢	.0	.0	•¢	•c	•0	*0	.0	.0	.c	٠c	•0	.0	
10-11	-6	-0	.0	.0	٠c	•0	•0	·c	.0	.0	•0	••	.0	•0	
12	.0	.0	•c	.0	·c	•0	٠.0	.0	٥.	٠0	.0	• 5	.0	.0	
13-16	.9	.c	•	٠.0	٠¢	.0	:	•0	.c	:	•0	.0	•0	•	
17-19	.0	.0	• 0	.0	• 3	·c	•0	.5	.0	•0	•0	• • •	•0	•0	
20-22 23-25	.0		.0	.0	• 2	.0	•0	•0	.0	.0	•0	•6	.0	.0	
26-32		.0	.c	.2	.0	٠.	•0	-0	.0	2.	•0	9.	•0	.0	
33-40	.5	.0		.0	• 0	•0	.c	٠.	.0	3.	-ç		•0	.0	
91-96	.0				•3	9.	•0	•€			.0		•0		
49-60	:6		.0		.0	:6	•0	.0 .0	.0	9.	.0	•0	.0	0.0	
61-70				:0		:0	.0	.0	.5		.0			.0	
71-86					.5		.0	::			-0		.0	:0	
47.	.0	ñ.	.0	• 5	.5		.0	.0	:5				.0	:0	
TOT PCT	.3	3.0	1.1	:č	.5		4.4	.6	2.6	.7	:1	.c		4.2	
	• •		•••	•••		•••	•••	•••	2.0	• /	••	••	••	712	
											No.				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCI	1-3	4-10	11-21	22-33	24-47	48+	PCT	PCT
<1	.5	• 3	.0	•0	•0	٠.		. 4		•	•0	.0	.0	1.3	
1-2	• •	1.6	- 1	•0	. 3	٠.0	2.1	.3	1.5	• 1	•0	.c	.0	2.0	
3-4	• 1	+5	• •	+1	•0	••	1.0	-1		• 2	•0	•3	•0	. 8	
5-6 7	.0	.0	• 1	•0	.0	·c	- 3	.0	•	-1	•0	.0	.с	• 1	
8-9				•0	.0	•0	•	.0	.2	.0	•0	• 9	•0	• 2	
10-11	.0	.0	2.	.0	:2	•0	.0	.0	.1	.1	•0	.0	•0	.1	
15		.0		.0	ž	:0	:6	::	:0	.0	•0	.č	.0		
13-16	:0	.0	.0		• • • • • • • • • • • • • • • • • • • •	:0			.c		•0		.0		
17-19	.0	.0	.0				.5	.0	::		•0	.0	.0		
20-22			.0	.0	:0			č		÷.	.0		.0	.0	
23-25	.č		.0	.0	.5		:0		::		.0	.0	.5	:0	
26-32	.õ		ě	.5	.č	.0	.0		.c	.0	.0	.õ	.0	:6	
33-40	.č	3.			č	.č		.0	.5		.5	.0			
41-46	.0	.0			ž	.c					.0	.0			
49-60	.0			.č	. 5	ě	.0	:6	::	.0		.0	.0		
61-70	.0	.š				.0		.č	.0	.0	.0	.0			
71-66	.0	.0	.0		.0	.č		:6		.0	.ŏ			.0	
87+		.0	.č	·ŏ	ě	.č				.0			.0	.0	
TOT PCT	1.0	2.6	.,				4.4	46	3.2				.0	4.7	94.1

#### WIND SPEED (KIS) VS SEA HEIGHT (FT)

HGT	0-3	4-10	11-21	22-33	34-47	48-	PCT	101
								085
<1	10.9	9.7	. 3	.0	•0	.0	20.9	
1-2	3.5	25.9	6.4	.1	.c	.0	35.€	
3-4	. 9	12.4	12.6	-5	.0	.0	26.4	
5-6	.2	3.5	7.5	-5	-1	.0	11.7	
7	• 2	. 8	2.6	.3	.0		3.8	
8-9	•0	. 1	. 7	. 3	.1		1.2	
10-11	.0	.0	. 1	. 1	.0	.0	. 3	
12	-0	•0		.0		.0	.0	
13-16	. č	.0	.1	.0		.0	.0	
17-19	.0			.0		·ò		
26-22	.0	.0		.0		.0	.0	
23-25		.õ	i.	.ē			·ŏ	
26-32	.5		.0	.0	.0		• • •	
33-40				.c	.c			
41-45	•0	•0	.0	.0	.0	•0	•0	
49-60	•0	.0	.0	.0	.0	•с	•0	
61-70	4B	•0	.0	.0	•0	.0	-0	
71-86	•0	.0	.0	.0	.0	-0	•0	
87*	•0	.0		.0		.0	٠ò	
								1898
TAT D.C.			70.7			•		

PERIOD: (04ER-ALL) 1949-1979

14BLE 19

PERCENT FREQUENCY OF MAVE HEIGHT (FT) VS WAVE PERIOD (SECONDS)

PERIOD (SEC)	<1	1-2	3~4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	*1-48	49-60	61-70	71-86	67+	TOTAL	MEAN HGT
<6	4.4	14.4	16.4	8.4	2.7	.7		- 1		.0	.0	.0	.0	.0	.0	.0	.0	-0	.0	3000	3
6-7	.1	2.0	8.7	8-1	4.3	1.5	. 4	- 42	- 1			•	.0	.0	.0	.0	.0	•0	-0	1590	Š
8-9		.7	2.9	3.2	1.5	.7	+ 3	.1	. 2	. 1		•0	.0	.0	.0	.0	.0	.0	-0	605	5
10-11	-0		.7	1.2		.2	. 3		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	239	5
12-13	.0	•1,	.8		. 2	. i	• 1	•		.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	117	5
>13	.0		.0	. 5	. 2	.1	• 1			-0	•	.0		.0	-0	.0	.0	.0	.0	61	7
INDET	4.5	1.1	1.9	1.5	. 6	•1	•1	•		•	.0	.0	.0	.0	.0	.0	.0	•8	.0	641	2
TOTAL	592	11%	1974	1495	644	215	99	28	24	6	7	1	0	0	0	0	0		0	+253	•

AUGUST

PERIOD: (PRIMARY) 1953-1979 (DYLP-ALL) 1843-1979

TABLE 1

AREA COOP GUATEMALA SU COAST

PEPCENT	FREDUENCY	Ċ٢	MEATHER	OCCURPENCE	P.Y	WIND	DIPECT TON

				RECIPS	14110	H TYPE					0146	WEATHER	PHENO	HENA	
WND 014	PAIN	2MPB ETIV	CPZL	FR7G PCPh	5404	OTHER FRZR PCPN	HAIL	PCPN AT 06 TIPE	PCP% PAST Hour	IHDR LING	FOG NO PCP"	FOG WO PCP% PAST HR	SHOKE		
٨.	2.2	2.2	. 6	.0	.0	.0	.0	5.1	2.0	8.0	. 2	.0	.5	•2	84.3
4E	3.7	2.1	1.6	.0	.0	-0	-0	7.4	2.9	5.0	. 1	.0	.5	.0	43.4
E	3.2	1.9	1.0	٠.6	.c	2.	.0	5.9	3.5	5.2	- 2	.0		•	85.1
ŠĒ	3.2	2.2	1.4	.0	.0	.0	.0	6.5	3.3	7.0	.1	.0	.2	•0	83.1
Š	3.8	3.4	1.6		.0	.0	.0	2.7	4.7	7.8	- 2	.0	.0		78.6
Si	6.7	2.7	1.5	٠.	.0	.0	.0	10.1	4.4	4.6	- ċ	.0	.2	.0	40.6
¥ .	2.7	2.6	2.7	.5	.0	-0	.0	4.4	5.4	5.7	.0	.0	. 3		80.3
85	3.1	1.3	1.3	.0		.0	.0	5.4	2.5	7.2	. 7	.0	. 4	.0	84.9
YAR	.5		.0	. a	.0		.0		•0	.5	.0	.0	.0	·c	.0
CILP	1.5	. 7	. 3	.0	.0	•0	•0	2.1	1.8	6.7	. 1	.0	1.3		87.8
TOT PCT TOT CES:	3.3 8020	2.0	1-3	.5	.0	.0	•0	6.4	3.4	6.1	.1	.0	.•	•	63.7

TABLE 2

#### PERCENT FREQUENCY OF MEASHER OCCURRENCE BY HOUR

			£	RECIPI	TATIO	TYPE					OTHER	<b>WEATHER</b>	PHEND	HEMA	
HOUR (GPT)	PAIN	PAIR SHER	DRZL	FRZG PCPN	SHOW	OTHER FRZY FCPN	HAIL	PCPN AT	PCPM PAST HCUP	THOP LING	FOG WO PCPN	FOG WO PCPN PASI HR		BLWG CUST	
00663 06609 12615 18621	2.1 2.5 6.1 3.0	.e 1.7 3.4 2.3	1.1 2.5 .9	.0.0	.c .c	.000	•0	3.2 5.1 11.6 6.2	2.0 2.4 5.3 3.6	.9 17.4 7.5 .6	•2 •3 •1	.0	.3 .7 .6	.0 .1 .1	93.6 74.6 75.1 89.3
TOT PCT	3.4 #270	2.0	1.2	•0	.c	•0	•0	6.5	3.3	6.4	.1	.0	٠.	•	83.5

#### TABLE 3

#### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		¥1.	O SPEE	ED (KAC	151								HOUR	(G#T)			
WHO DIR	0-3	4-10	11-21	55-33	34-47	***	TOTAL CBS I	PCT FPEQ	HEAN SPD	00	03	06	09	12	15	18	21
	1.5	5.0	.7	. 1	.0	.0		7.3	6.7	3.6	6.2	7.2	10.5	10.6	7.0	7.7	7.8
NΕ	1.5	9.8	3.4	. 2		.0		14.9	8.6	11.7	9.7	11.0	15.5	17.3	18.9	18.9	19.0
É	2.5	15.€	9.6	. 7	. 1	.0		28.7	9.9	28.5	18.5	23.1	22.3	29.2	29.8	34.4	28.5
SE	1.6	*.2	4.2	. 2	• 0	• (	1	14.2	9.1	18.2	16.1	16.6	12.6	10.5	9.0	12.2	13.6
Š	1.1	3.4	1.1		.0			6.1	7.6	7.4	9.9	6.9	6.2	4.4	5.0	4.9	8.2
ŠV	. 7	4.1	1.4	. 1	.0	.0		6.3	8.5	8.4	9.7	6.3	7.3	4.8	9.0	5.0	6.6
	1.3	9.7	1.3		.0	.0		7.5	7.7	8.6	9.1	8.9	7.5	6.8	9.3	5.6	6.1
NV	1.1	4.5	.6		•	.0		6.3	6.9	5.0	9.7	6.5	10.9	6.7	6.1	6.2	7.1
VAR		3.		.0	.0	.0			•0	.0			•0	0.0	•0		.0
CALP	8.7		• • •	**		•••		4.7	.0	8.6	10.9	13.4	7.3	9.2	5.9	5.0	3.2
TOT CBS	1699	4774	1904	112	6	•	A500		7.9	1965	129	1872	193	1801	221	2132	167
TOT PET	20.e		22	1.3		:		0.00				100.0					

≽+C DIR	0-6		SPEE0 17-27	(NNOTS) 28-40	414	TOTAL ORS	PCT FREQ	MEAN SPD	00 03	H0U!	12 12 15	18 21
ĸ	4.1	3.0	.1	.0	.8		7.3	6.7	3.7	7.5	10.2	7.7
46	6.0	8.1	. 8	. 1	•		19.9	8.6	11.6	11.4	17.5	18.9
£	8.9	14.4	2.4	• 1	•		28.7	9.9	27.9	23.1	.3.3	33.9
SC	5.1	8.3	. 8	•	•0		14.2	9-1	18.0	16.3	10.4	12.4
5	3.0	2.9	.2	•	•		6.1	7.6	7.5	6.9	4.7	5.1
S¥	2.9	2.5	.5	.0	.0		6.3	8.5	8.5	6.4	5.3	5.1
¥	3.7	3.4	. 4	.0	-0		7.5	7.7	8.6		7.0	5.7
NE	3.4	2.7	.2	-0	•		6.3	6.9	5.3	6.9	6.7	6.3
VAR	.0	.0	.0	.0	.0		•0	. 6	.0	.0	.0	.0
CAL	8.7						8.7	.0	8.7	12.8	4.9	4.8
TOT CES	3695	4087	494	21	3	8500		7.9	2094	2045	2022	2319
TCT PCT	45.6	48.1	5.8	.2	•		100.C		100.0	100.0	100.0	100.0

AUGUST

PERIOD: (PPI=APY) 1953-1979 (OVER-ALL) 1893-1979

TAPLE +

APEA COOP GUATEMALA SW COAST

神経のない マストのはない かまいん かいしゃ ないれードニュー

PEPCENTAGE	FRECUENCY	QF	LIND	SEFFA	ŧ٠	HOUR	(CHT)

				WIND	SPEED (	KNOTS			PCT	TOTAL
HOUR	CALM	1-3	4-10	11-21	22-33	34-47	45.	4£ 4h	FREC	085
00503	4.7	11.5	56.8	22.0	.6	-1	.0	7.7	100.0	2094
0666.6	12.8	12.6	56.3	16.5	1.3	.0		6.9	100.0	2065
12615	4.9	10.4	55.7	23.5	1.4	. 1		8.1	100.0	2022
19621	4.5	10.5	55.4	27.2	2.0	•			100.0	2319
101	738	961	4774	1908	112	6	1	7.0		8500
PCT	8.7	11.3	56.2	22.4	1.3		-		100.0	300

TABLE 5

TABLE 6

,	PCT FPE			CLOLD A		(ElGHIHS)							CEILIN					
WHO DIR	0-2	3	5-7	8 £ 085CD	101AL CSS	COVEP COVEP	000 149	150	300 599	600 999	100C	2000 3499	3500	5000 6499				
14	1.2	1.7	2.7	1.4		5.0		.0	. 2	.5	.7	. 3	-1				5.0	
NΕ	2.3	3.5	5.8	2.8		5.0	-1	•	.2	1.1	1.3		. 3	.1	.1	.1	10.3	
Ε	5.3	6.5	12.1	5.7		5.0	.2	.1		2.5	3.2	1.6						
3 E	2.0	2.7	6.5	3.3	-	5.4		.;		1.3	1.9		.3	-1	• 1	• 1	20.7	
Š	7	1.1	2.6			5.6	::	•	- :			• •			• 3	•	••7	
ŠV	.5	1.0	2.5			5.9	• • • • • • • • • • • • • • • • • • • •	:	• 1	.6		• 3	- 1	.1	•	.0	3.8	
	1.0	1.4	3.5			5.5		-	• 3	. 8		• 3	- 2	•	•	•	3.5	
Ň	1.0	1.4					•1	- 1	•2	. 9	1.1	• \$	-1		•	.0	4.5	
			2.4			5.0	•	•	• 1	. 5	.7	. 3	• 2	•	.0		4.1	
VAP	-0	• 0	• C	.0		•0	.0	•0	•0	-0	.0	.0	.0	.0	-0	.0	.0	
CALH	2.5	2.1	3.2	1.2		4.3	- 1	•	41	. 5		. 2	• 2				6.7	
TOT OBS	1096	1417	2711	1415	6639	5.1	51	24	136	580	750	325	127	42	31	18	4555	6639
TOT PCT	16.5	21.3	40.5	21.3	100.0		. 8	.4	2.0	8.7	11.1		1.0				40.4	100 0

TARLE 7

# CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILIAS HEIGHT (NM >4/8) AND VSBY (NM)

					Y587 (NP	1)			
CE	ILING	Z CR	I OR	I OR	2 OR	= 08	= 08	= CR	= 08
(F	EFT)	>10	>5	>2	>1	>1/2	>1/4	>SOYD	>0
= OR		.6	.7	47	.7	.7	.7	.7	.7
= OR	>5000	1.1	1.3	1.3	1.3	1.3	1.3	1.3	1.3
= OR	>3500	2.9	3.2	3.2	3.3	3.3	3.3	3.3	3.3
= OR	>2000	7.1	8.0	9.0	8.1	8.1	8.1	4.1	4.1
= OR	>1000	16.9	19.0	19.2	19.3	19.4	19.4	19.4	19.4
2 OR	>600	23.4	27.2	27.8	28.0	28.1	28.1	26.1	28.1
I OR	>300	24.6	29.0	20.7	29.9	30-1	30.1	30.1	30.1
I CR	>150	24.6	29.3	30.0	30.3	30.4	30.4	30.5	30.5
= OR		25.0	29.8	30.7	30.9	31.1	31.2	31.2	31.2
	TOTAL	1738	2035	2092	2111	2172	2176	2130	2130

TOTAL NUMBER OF CES: 6423

PCT FREQ NH <5/8: 68.8

TABLE 7A

## PERCENTAGE FRED OF LOW CLOUDS IEIGHTHS!

0 1 2 3 4 5 6 7 8 085CD 085 8.9 15.8 17.8 15.1 10.9 7.7 7.9 6.4 9.0 .4 7195

٠	H	r.	u	€	7

							AU	CUST							
PERIODI (PRIMARY) (OVER-ALE)							74	BLE #				AR	A 0009	GUATI	W COAST
		F	f4(£5)	FPEQ PREC	CF LIN	D DIRL	CTION TH YAR	VS OCC YING V	# L V E S	C OR P	ion-oce	UPRENC Y	r or		
4564 (NP)		٠	٨ŧ	ε	SE	s	56	¥	NV	ATD	CALP	PCI	TOTAL		
	PCP	•		•	•	•	•	.0	٠.0	.0	٠c	- 1	-		
<1/2	434 64	•0	• 2	•0	•	-0	·c	.c	.0	9.	9.	•			
	101 1	•	•	•	•	•	•	.0	•0	.0	.0	•2			
	PCP			-1		.0		•	-0	.0	•0	.1			
1/2<	I NO PEP	.9	.0	.0	.0		.0	.0	.c	à	3.	.0			
	101 1	•	•	• 1	•	.0	•	- 1	.0	.c	.c	. i			
	PCP	•		-1	•	-0	•		•	.0	.0	.2			
1<2	NO PCP	•	. ^	•	•	•0	•	•	•	.0	-€	- 1			
	101 \$	•	•	-1	• 1	•0	•	•	•	.0	2.	• 3			
	PCF	•	. 1	.1	. 1	-1	. 1	•1	•	.0	•	. 7			
245	NO FCP	•	. 1	. 1	- 1	•	•	•	•	.0	•	. •			
	101 1	•	• 2	•3	• 2	-1	-1	- 1	-1	•0	. 1	1.0			
	PCP	. 2	. 5		. 4	- 2	. 3	.2	. 1	٠c	- 1	2.5			
5<10	NO PER	. 3	.4	1.5	. 9	. 4	. 6	. 6	.6	٠.	. 5	6.3			
	101 #	.5	1.5	2.1	1.3	-6	.8	.8	.7	•0	.5	4.7			
	PCP	.1			. •	. 3	.3	. 3	•2	.0	. 1	2.7			
10+	NO PEF			25.7	12.5	٠.0	5.2	6.3	5.3	.0	7.0	86.9			
	101 1	6.6	13.2	26.4	12.6	5.3	•••	6.5	5.4	.0	8.0	89.7			

TOT CBS TOT PCT 7.2 14.5 28.9 14.5 6.0 6.4 7.5 6.7

148LE 9

1557	500		٩E	£	SE	s	S¥			YAR	CALF	PÉT	TOTAL
(64)	KIS			•		•		•	~•	<b>*-</b>			ORS
	0-3	.0	•0	.0	•	•	.0	.0	.0	.0	.0		
<1/2	4-10	•				.0	.0		.č	.0		.1	
	11-21	.0	•		•			•0	.0				
	22+	.0	.0	•	.0	.0	.0	•0	.0	.0		•	
	ter s	•	•	•	- 1	•	•	.0	-0	•0	•0	•2	
	0-3	.0	٠.	.0	.0	•0	.0	-0	•0	٠ć	40	.0	
1/2<1	4-10	•	•	•	•0	•0	•	•с	.0	.0		-1	
	11-21	•0	.0			•C	-0	•	.0	.0		•	
	22+	٠.	•	•	•0	.0	•	•	.0	•0		•	
	101 £	•	•	. 1	•	•0	•	•	•0	.0	.0	•2	
	0-3	-0	.3	-0	.0	.0	.0	•0	-0	.0	.0	.0	
1<2	4-1C	•	•	-1	•	•	•	•	•	-0		• 2	
	11-51	•	•	•	•	•0	•	•	•	.0		- 1	
-	22.	•0	.0	•	••	•0	.0	•6	•0	.0	_		
	101 1	•	•1	• 1	•1	•	•	•	• 1	.0	•0		
	0-3	•0	•	•	•	•0	•	•	.0	-0	- 1	-1	
2<5	4-1C	:	.1	• 1	-1	• 1	. 1	٠1	•	.c		- 35	
	11-21 27•	.0	•	• 1	• 1	•	•	•	•	٠.		• •	
	101 1	-0	.2	.3	.2	.1	.1	.;	.1	• 5		. • 1	
			••	• • •	•2	• •	• ,	•1	• 1	.0	.1	1.2	
	0-3	- 1	•	- 1	- 1	- 1	•	• 1	• 1	-0	- 5	1.2	
5<10	e-16	. 3	.7	.9	- 6	• 3		. 4	. *	•0		4.0	
	11-21	-1	• 5	.,	•5	•2	• 3	+3	-1	.0		3.0	
	22.	•	- 1	. 1	• 1	•	•	•	•	.0			
	101 1	.5	1.3	2.1	1.3	• 6	. 5	-4	.7	.0	.5	8.6	
	0-3	1.4	1.5	2.4	1.6	. 9	. 6	1.1	1.0	•0	9.1	18.6	
10.	4-10	*.6	6.6	14.7	7.5	3.6	3	4.3	4.1	•0		51.1	
	11-51	• •	2.9	4.5	3.5	•	1.1	1.1	• •	-0		18.9	
	22+	. :	1	5	1		.1		. :	.0			
	tel 1-	6.5	13.2	26.1	17.7	5.3	5.3	6.5	5.5	•0	8.1	89.4	
	101 005												4255

AUGUST

PERIOD: (PRIMARY) 1953-1979 (OVER-ALL) 1893-1979

TABLE 10

APER DOOP GUATEMALA SE CORST

EPCENT	FREQUENCY	¢f	CEILING	HEIGHTS	IFEET.AH	>4/61	AND

HOUR {GPI}	600 149	150 209							65C0 7999		TOTAL	NH CS/8 ANY HGT	
cotos	.4	.3	1.4	5.9	7.9	4.3	2.0	.6	.5	.:	23.5	76.5	1875
66500	.5	.3	1.0	7.1	9.7	3.5	1.6	• 3	.4	.5	25.6	74.4	1587
12615	. 9	.5	3.4	11-5	13-1	5.1	1.6	.6	• 1	.2	37.0	63.0	1711
18621	. 7	,4	2-1	9.2	13.0	5.4	2 - 3	. 8	.7	.2	34.7	65.3	1898
PCI	52											4932	

TABLE 11

TABLE 12

		PERCENT	FREQUE	CY Y581	(4H)	PT HOUP		CUPUL AT					4584 (4H)	
HCUR (6#1)	<1/2	1/2<1	1<2	245	5<10	10•	TOTAL 035	H0UR (G™I)	<150 <5070	<600 <1	<1000 <5	1000+		TOTAL
00103	. 1	.2	•2	. 8	5.2	93.4	2119	00103	.4	2.3	5.7	15.0	75.4	1803
06209	. 1	•1	- 3	. 9	9.6	88.9	2067	00100	1.0	2.4	:0.2	16.7	73.1	1523
12615	-1	.2	•5	1.9	12.2	e5.3	20+1	12615	. •	5.0	16.2	20.4	61.3	1653
18221	.3	-1	.5	1.3	7.7	90.1	2582	18621	. 7	3.4	13.2	22.5	64.3	1844
101	16	14	34	105	733	7607	8569 100-0	101	51	223		1294	4673	6923

TABLE 13

TABLE 14

	PERC	ENT FA	£00£461	r of 6	IND DI	RECTIO	N 87 1	[#P	
4	NC.	E	SE	s	Sb	¥		YAR	CALM
.0	-0	•	.0	.0	.0	•	٠.5	-0	•
.0	. 3		.1	- 1	•	•2	. Z	- c	- 1
1.3	7.5	5.5	2.2	• 7		. 4	. •	.0	1.7
4.8	9.7	19.0	10.2	3.4	4.2	4.6	4.1	.0	6.2
.7	1.7	3.4	2.0	1.2	1.8	1.4	.7	.0	. 9
•	• 1	-1	•	•	-1	• 1	•	-0	•0
7.1	14.4	29.3	14.5	•	6.5	7.4	5.8	.0	9.0

TAPLE 15

PEARS, EXTREMES AND PERCENTILES OF TEMP (DEG F) BY HOUR (OUR PAX 973 953 503 57 12 PIN HEAR TOTAL (GHT) (GHT

TABLE 16

 #UGUS1

PE9100: (PDIMARY) 1953-1976 (CVER-ALL) 1497-1979

TÄBLE 17

AFER DODS GUATEMALA SE COAST

PCT FREE OF AIR TEMPERATURE LONG FY AND THE OCCURRENCE OF FOR INTRHOUT PRECIPITATIONS
VS AIR-SEA TEMPERATURE DIFFERENCE LONG FY

AIR-SEA	69	73	77	61	85		>92	101		40
IPP DIF	72	24	80	84	44	92			FCG	FOG
14/16	.0	.0	.c	٠.	•	•			.0	-1
11/13	.0	.0	.0	.0	- 1	- 1	.1	14	.0	.2
9/10	.0	-0		•	- 1	• 2	• 1	27	.0	
7/8				-1	. 4	. 5	. 1	82	.0	1.1
	.0	.0		.2	. 4	. 3	.0	65	.0	. 9
š	.5	•c			. 8	. 3	•	122	.0	1.6
4	.0	.0		.7	1.6	. 3	.0	199	.0	2.7
5 4 <del>1</del> 2	.0	•0		1.1	1.6	. 3	.0	229	.0	3.1
	.0			3.3	2.3	.1	.0	464	.0	6.2
1	.0		.5	4.6	2.4	•	.0	540	.0	7.5
0	.0	. 1	1.2	9.9	2.2	. 1	.0	1000	•	13.4
-1		• 1	1.9	8.6	1.3	•	.0	910	•	12.2
-2	0	. 1	3.9	10.2		.c	.0	1158	•	15.5
-3	.0	-1	3.4	6.4		.0	.0	775	•	10.4
••	.0	.2		4.4	+2	•	.0	686	•	1.2
-5	.0	. 2		3.1	. 2		.0	517	•	6.9
-6	.0	- 3		1.2			.0	270	.0	3.6
-7/-8			2.1		*	•0	.0	263	•	3.5
-9/-10	.0			.2	.0	.0	.c	86	.0	1.2
-11/-13	. 1	ž		• 1	9.	-0	•0	31	.0	.4
-1=/-16					.0		.0	- 5	.0	.1
TOTAL	ė		1762		1107		16	•	10	7457
	•	154		4210		170	••	7467	••	
PCT	.1		23.6		14.6	2.3	.2	100.0	- 1	**.*

PERIOD: (0VER-ALL) 1963-1979

TABLE 18

PCT FALS OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

HGT	1-3	4+15	11-21	22-33	34-47	45.	*C1	1-3	4-10	11-21	22-33	34-47		PCI
<1	.6	.7	.0	.0	.5	.0	1.4	• ?	1.8	-2	.0	•C	.0	2.6
1-2	.7	2.4	•	-0		.0	2.6	44	5.2	.9	.0	.0	•0	6.4
3-4		.7	.3	.3	.0		1.0	•	2.7	1.8	- 3	.0	.0	4.5
5-4		- 1	- 1	.0	.0	-0	•2	•0	•5	1.0	-1	.0	•0	1.5
7	.3	.0	•	-0	.0	-5	<b>.</b> -	.0	-1"	.3	•	.0	.0	
8-7	.c	.0	.0	-0	•0	.0	• 2	•0	•0	.1	-0	.0	.0	-1
10-11	٠c	.0	.0	-0	•5	.0	.0	.0	•0	.0	-0	.0	-0	•0
17	-0	.0	.0	•0	.0	.0	.0	.0	•0	.0	•0	.0	•0	-0
13-16	.0	.0	•0	•0	•0	.0	0	•0	-0	.0	.0	٠.	.0	•0
17-19	.0	.0	.0	•0	-5		.0	.0	.0	.0	.0	.c	-0	40
20-22		.0	.5	.0	• 3	.c	.0	.0	-0	.0	•0	.0	.0	-0
23-25	.0	.0	.0	•0	-0	.0	.0	.0	.0	.0	.0	•0	.0	-0
59-35	.0	.0	2.	-0	•0	.0	.0	.0	•0	.0	-0	.0	•0	0
33-40	•0	-0	.0	-0	.,	.0	.0	.0	•0	.0	-0	•0	.0	•0
41-45	.0	-0	.0	-0	•0	.0	.0	.0	.0	•6	-0	•0	.0	-0
49-6C	.0	٥.	.0	٠.	.с	.0	-6	-0	•¢	3.	-0		-0	.0
61-70	.e	.0	-0	-0	.3	•0	.0	.0	40	-0	.0	•0	.0	•0
71-86	.0	٠0	.0	.0	.0	٠.0	.0	.0	.0	-0	•0	٠.	•0	-0
87+	• 0	-0	.0	-0	.0	.0	.c	.0	٠.0	•0	.0	•0	.0	-0
TOT PCT	. c	3.4		-0	.0	.0	5-2	1.1	10.2	4.1	-1	.c	.0	15.5
<b>#6</b> T	1-3	4-10	11-21	f 27-33	34-47	46+	PC:	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	1.2	1.9	• ?	.0	.0	•0	3.2	.6	1.1	+0	.0	٠.	.0	1.7
1-2	. 8	4.0	1.4	.0	••	-0	10.5	.3	5.2	1.1	.0	.0	.0	4.4
3-4	•5	4.7	• - 2	+2	40	-0	9.3	.2	3.0	2.2	. 1	٠.	•0	5-5
5-6	.0	1.7	3.4	. 1	- 1	.0	4.7	.c	. 9	1.5	-1	-0	.0	2.5
7	.=	-1	1.0	-1	• 0	-6	1.2	.0	.0	• 2	-1	•0	.0	-3
8-4	*C	•	-1	.0	•0	•0	•2	.0	•	-1	•0	.0	-0	-1
10-11	-0	.0	*C	-1	-0	.0	- 1	.0	.0	-0	-9	.0	-0-	.0
12	•6	•0	-5	+0	.0	•6	.0	•0	.0	•0	-0	•0	•0	.0
13-16	. 0	.0	-0	.0	•0	•0	•0	٥.	.0	-6	.0	.0	•0	•0
17-19	-0	٠٥.	•0	.0	-0	•0	•0	•6	.0	•0	-0	•0	.0	-0
50-55	.0	•0	.0	٠.5	-0	•0	٠.	-0	.0	-c	•0	•0	•0	-0
23-25	•0	•0	•6	.5	.0	-0	.0	•0	•0	•0	•0	.0	.0	-0
26-37	•₽	.0	.0	.0	-0	٠.	٠.	• <u>c</u>	.0	•0	•0	-0	.0	٠.0
33-40	*0	٠.	.0	.2		•0	•0	•0	.0	40	•0	.0	•0	-0
41-48	•0	-0	.0	-0	٠.0	٠.	•0	•0	-0	+E	-5	•0	.0	٠0
49-60	.0	.0	.0	•0	•0	•0	٠.	٠.	.0	٠.	+0	.0	-0	.0
61-70	-0	• 5	.0	.0	.0	•0	•0	-0	•с	•0	•0	•0	.0	٠.
71-86	•0	•0	.0	٠.	• • •	•0	•0	•0	٠.	·r	٦٠.	٠,	•0	-0
47+	.0	.0	.0	.0	.0	٠.		•0	0	,t	•0	.0	.0	
TOT PCT	2.1	16.0	13.9		- 1	•0	29.5	1.1	10.3	5.1	•2	.0	-0	16.7

								105621				_			<b></b>
PERIODS	TOVES	-ALL)	1963-1	979				TABLE 18 (CONT.	1			1361	0000	HITAUD 19 HB.	ALA SU COAST .CV
				PC	1 F0E0 0	F WIND	SPEED	(KIS) AND DIRE	1104 ¥	ERSUS S	EA HEIG	HIS (FI	,		
				5							Sw				
HGT	1-3	4-10	11-21	22-33	34-47	48.	PCI	1-3	4-10	11-21	22-33	34-47	49.	PCI	
<1	. 1	. 7	.1	.0	.0	.0	. 0	· i	1.2		.0	.0	.0	1.3	
1-2	.4	1.6		.0	.0	-0	2.4	.3	2.4	• 2	.0	.c	.0	3.2	
3-4	•0	1.0	.5	.0	.0	.0	1.5	.C	1.0	. 4	•	.0	.0	1.4	
5-6	-0	.5	. 3	.c	٠.٢	.с		٠.	. 3	. 3	.1	.0	.0	.7	
7	.0	- 1	•	-6	.0	.0	-1	۰0	.1	•	• C	• 6	٠.	-1	
8-7	.0	-1	- 1	.0	.0	.0	-1	.c	•	40	.0	.0	•0	•	
10-11	•0	٠0	•6	•0	•0	٠.6	-0	.0	٠.	•¢	.0	•0	-0	.0	
12	.0	.0	•¢	•0	•0	٠.	•0	.0	.0	.0	.0	.0	•0	.0	
13-16	.0	.0	.0	.0	.ç	.0	•0	.0	.0	-0	•0	9.	.0	.0	
17-19	•0	.0		.0	.0	.c	•0	3.	.0	.0	.0			.6	
20-22 23-25	.0	.0	.0	.0	.0	.0	.0	•0	3.	.0	.0	.0	:5	.0	
Z6-32	.č		•0	.0	.5		.0		.5	2.		.0	ĕ	.0	
33-40		.0			.5	.č	.0		.č	·.		Ď.	.0	.0	
41-48			ě.		.5		.0	::	.5		.0	.0	.0		
49-60		-5	•0	.0		-0	•0		.0		.0	.0		.0	
61-70	.0	.0	.0	.0	.0	.0	.c	.0	.0	.0	.0		•0	.0	
71-86	.0	.0	• 0	.0	.5	.5	•0	.0	.0	.c	.0	-0	•0	.0	
67.	.0	.0	9.	.0	.0	.6	٠.6	.0	.c	.c	.0	.c	•0	.0	
tot PCT	.5	*.0	1.3	.0	.0	.0	5.8	.*	5.4	.•	-1	-6	•0	6.7	
				Ľ							**				TOTAL
HST	1-3	4-10	11-21	22-33	34-47	***	PCI	1-3	4-10	11-21	22-33	34-47	46+	PCT	PCT
<1		. 9	· · · · · · · · · · · · · · · · · · ·	.0	. C	.0	1.4	.5		3.	.0	.0	-0	1.4	
1-2		2.9	- 3	.0	.0	.0	3.4	.3	2.5	. 1	.0	-0	-0	3.0	
3-4	•	1.1		•	• 0	.0	1.0	•	. 7	-1	.5	.0	۰0	.8	
5-6	.0	.2	-1	٠.0	.0	.0		۰0	- 1	. 2	.0	•0	40		
7	.0	٠.	- 1	-0	.0	.0	• 1	.0	.0	-1	.0	.9	٠0		
8-9	•0	* •	•0	.0	.0	.0	•		.0	• C	•0	.5	•0		
10-11	•0	40	.0	.0	•0	.0	٠.0		.0	•0	.0	• 6	•0		
12	-0	.0	•0	.0	• 0	.0	-0		.0	.0	.0	o.	٠.0		
13-16	.0	.0	.0	.0	.5	o.	•0		ö.		.0	.0	.0		
17-19	.0		.0				.0			0.					
23-25		.0		2.		-0	.0		:0			.ĉ	.0		
26-32	:0		ě				:5			.0		.0			
33-90			.0	.0			.č			.0		3.	.0		
41-46	.õ				::	5.				.0		.0			
49-40	.0		.0	.0			.0		.0	.č	.0	.0	.0		
61-70	.c	.0	•0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	
71-46	.0	.0	-0	.0	٠.0	-0	.0	•0	.0	.0		•0	-0		
87+	.0	.0	-0	.5	.0	-0	.0		•c	.0	.0	•0	.0		
TOT PCT	1.0	5.2	1.2	•	•9	•0	7.4	.8	4.1		.0	•0	•0	5.3	92.1

	WIN	39660	(#T5)	WS SEA	HE IGHT	(FT)		
HST	0-3	4-10	11-21	25-33	34-47	48-	PCT	101 085
<1	13.2	4.3	- 4	.0	.0	.0	22.9	
1-2	3.9	29.9	4.7	.0	.0	.0	38.6	
3-4		14.5	1.6	.4		.0	25.2	
5-6	-1	3.7	4.5			.0	10.4	
7	.0	.3	1.8	.2	-0	.0	2.2	
3-9	.0	• 2	. 3	.0	.0	.0	.5	
10-11	-0	•0	.0	-1	.c	.0	• 1	
12	.0	•0	.c	.0	.5	-0	.0	
13-16	-0	•0	-0	.0	-0		.0	
1: -10	.3	• 6	-0		.0	-0	+0	
20 22	.0	•0	.0	-0	.0	.0	٠.	
22-25	-5	•0	.0	.0	.0	-0	•0	
26- 2	.0	-0		.0	.0	.0	•0	
33-4C	.0	•¢	.0	.0	.0	.0	•0	
41-48	.0	-0	.0	.0		٠,	-5	
49-60	.0	-0	.0	.0	.5	•0	•0	
61-70	.0	-0	-0	.0	.0	-0	+0	
71-46	•0	•8	-0	.0	• • •	-0	•0	
<b>\$7</b> +	-0	-0	.0	.0	.5	.0	-0	
								1964
TOT PCT	17.5	57.8	23.5	.,	-1	-0	100.0	

PERIO	D: 104	ER-ALL	.) 194	9-1970					TABLE	19											
					PERCEN	FREQ	UENCY C	F 441	4E HE16	HT (F	1) VS	WAVE P	20193	(SECON	1 20						
PERIOD (SEC)	<1	1-2	3-4	5-4	7	8-9	10-11	12	13-16	17-19	20-22	53-52	26-32	33-40	41-48	49-60	61-70	71-86	87•	TOTAL	MEAN MGT
₹6	4.9	14.0	17.0	8.0	2.3	.7	-3	.0	-1	.0		.0	-0	-0	•0	.0	.0	.0	.0	2917	3
6-7	.2	2.1	4.8	7.0	3.3	1.0		- 1	-1	3.	.0	.0	-0	.0	•0	٠0	-¢	.0	.0	1468	5
8-9			2.8	3.3	2.2		-3	.1	- 1	•	•	.0	.0	- 0	-0	.0	.0	.0	.0	634	5
10-11	.0		.,	1.2	- 5		.1						.0	.0	.0	.0	.0	.0	.0	222	5
12-13			.,		.2		•	.0	+0	.0	.0	-6	.0		-0	.0	.0	.0	.0	84	5
>13	.0	.0	.0	• 5	• 2	-1	-1	.0	•	.0		.0	.0	· ė	-0	٠0	.0	.0	.0	59	7
INDET	6.1	1.2	2.3	1.6		.2	.1	.0	.1	-0	٠.	.0	-0	- 0	.0	.0	.0	.0	.0	750	2
TOTAL	674	1127	1994	1912	576	203	92	16		- 1		1	0	ė	ō	D	Ó	٥	0	6151	•
ac T	11.3	14.1	17.4	22.0		1.1	1.5						.0	-6	-0	.0	- 0	-0	-0	100.0	

									\$L*1E*	•#E0						
PERIOC:	IPF[PARTI								TAGL (	1			4PE# 000		NT MALA SE TI-ON	COAST
						CECEN	1 FFECU	1E4CY (	-	0000496401	C PY 51	40 01	ECTION			
					PPECIPI	TATIC	TYPE					0146	* FEETHER	PHEKS	1644	
	FAC DIE	rāja	PAIN Sher	Cest	FRZG FCPN	5406	CIMER FRZN FCPN	MAIL	PCPN 41 08 11-6	PCPA PAST HOLP	THOR LINC	¥0	FOG WO PCPM PAST HP		SPRAY BLLG DUST BLNG SNOW	

				PECIPI	TATIC	1 TYPE					OIHE	PETHER	PHEKT	9E44	
FAC DIE	RĀŢA	PAIN SHER		FRZG FCP4	5406	CIHER FRZħ PCPħ	MAIL	PCPN 41 08 11*C	PCPN PAST HOLP	THOR LINC	FOS EO PCPA	FOG WO PCPM PAST HP	SHORE HAZE	SPRAY BLUG DUST BLUG SHOW	
4	3.3	1.9	1.5	.0	.0		.0	4.7	4.4	6.4	- 3	.0		-0	#Z.#
NE.	5.1	2.4	1.4	.c	.0	.0	-0	6.7	3.2	5.2	- 1	.0	- 7	.0	82.5
τ	3.7	2.7	1.3	.0	.0	.0	.0	7.6	5.2	+.1	•	3.	- 3	.c	#1.Z
38	4.3	1.7		.0	.0	.0	.0	6.6	3.0	6.9	- 2	.0	-2	•0	82.7
Š	3.9	3.4		.0	.0	-0	.0	7.9	5.4	5.3	.0	•0	. *	.0	<b>0.7</b>
55	7.4	4.4	1.6	ā.	.0		.0	13.2	5.7	4.0	. 1	.0	.3		77.0
•	5.3	3.6	2.6	ä.	.c		٥.	11.5	5.5	3.5	. 1	.0	.2	-1	79.0
44	4.2	2.5	2.1	.5				9.1	4,5	5.3	- ;	.0		.0	81.3
VAR	.0			.5			.c	ė.	•0	.0	.0	.5	.0	•0	•0
CALM	1.0	1.3		.0	.0		.0	2.6	, 4	8.2	• 1	.0	1.1	.0	87.5
101 PC1 101 065:	7635	2.8	1.5	.6	.0	.0	•0	6.6	4.5	5.5	-1	•0	.•	•	<b>01.2</b>

TABLE 2

PERCENT FREQUENCY OF WEATHER OCCUMPENCE BY HOUR

			•	RECIPÍ	14110	N TYPE					CTHES	*[4]#[0	PHENO	"fas	
#6U <b>0</b> (G=1)	R4I4	FAIL Smer	D97L	FRZG PCPN	5402	CIHER FRZA PCP4	MTIF	PCPN AT OR TIME	PCPN PAST HOUR	IHDR LING	F0G 60 PCP4	FOG MO PCPN PAST HR	SPORE HAZE	SPRAY	
C0ED3 C0EO# 12615 1#621	2.5 3.6 7.7 3.8	2.2 2.4 3.5 2.7	  2 1			.0	.c .c .c	5.4 6.6 14.2 6.1	3.2 3.5 6.1 5.1	1.3 15.8 5.1 1.0	.1 .1 .2	.0 .0	.3 ;4 .5	-0	49.8 74.2 74.4 65.6
101 PC1 101 Cb5:	#.4 #029	2.6	1.4	•0	.0	.0	.0	8.5	4.5	5.0	•1	•0	.•	•	#1.3

TABLE 1
PERCENTAGE FREQUENCY OF BIND DIRECTION BY SPEED AND BY HOUR

-		<b>~</b> 21	C 50E	ED IKS	151								HCLP	(541)			
PYD DIE	0-3	4-10	11-21	22-33	34-47	48+	TOTAL	139 2321	SPO	30	03	26	D.A	12	15	1.6	21
	1.0	4.1		-1	.0	.0		4.5	4.4	4.4	1.0	5.5	7.2	7.4	8.3	4.3	10.5
NE	1.3	6.2	1.7	• 2	•	٠.٥		9.2	8.0	5.7	6.5	5.#	8.3	17.5	10-4	12.3	4.4
E	2.0	11.4	4.7	. 3	•	٠,٥		14.4	4.9	17.7	11.5	13.5	13.4	19.8	14.6	23.0	15.3
SĒ	1.3	7.C	2.1		.0	.c.		10.5	8.1	13.7	13.2	12.0	7.3	7.4	*.1	8.9	7.3
5	1.7	5.2	1.4	. 2	.0	.0		7.4	8.0	9.6	6.9	8.9	7.6	6.1	6.7	7.2	9.1
Še	1.7	6.1	4.3		•	.0		12.2	10.3	13.3	14.7	12.5		10.7	11.7	11.7	13.8
	1.4	4.4	5.2		.0			10.0	4.4	18.1	15.9	17.4	17.2	16.4	13-1	15.3	15.3
	1.4	5.6	1.7	. 1	.0			4.9	7.9	7.7	7.1		11.4	8.7		8.0	
Y. P	.0	3.0		::	.0	Ġ.					.0					.0	
CAL-	9.7					•••		9.7		9.7	13.4		13.0	*.0	4.7	6.4	9.1
TOT OBS	1796	1627	18+2	1+3	6	٥	9394		7.8	1931	134	1847	174	1750	241	2122	166
TOT PET	21.4	54.0	21.9	1.7		å.	7274	100.0				100.0					

					118	LE JA						
		-140	SPEED	******						HOUR	* (CPT	,
LVE DIF	9-6			24-40	*1*	TOTAL	PCT FREQ	SPD	£3	0£	12 15	28 21
	3.2	2.4	.2		-0		£.5	6.6	*.7	5.4	9.2	6.7
٩E	4.3	4.5	. 3	•	.0		9.2	*.0	5.8	5.0	12-4	17-1
Ε	7.3	10.2	1.1	-1	•		16.4	5.7	17-3	13.5	10.5	23.2
SE	9.6	5.4		•	٠.		10.5	9-1	13.7	12.0	7.4	1.1
\$	4.0	3.4	.5	•	.0		7.9	4.0	4.4	4.4	6.2	7.4
5.	3.4	6.6	1.6	-1	.0		12.2	10-3	13.4	12.6	10.9	11.9
¥	4.0	7.3	1.5	. 1	.0		16.8	7.4	18-0			15.3
V-	4.4	4.0		•			4.9	7.9	7.8	4.9	9.7	8.1
VAR	.0	-0	.0	-0				.0	.0	.6	.0	.0
CAL.	*.7				•••		9.7		*.9	13-7	9.0	6.4
TOT ORS	1017	2433	510	33	1	8344		7.4	2045	2021	2000	2308
TOT PCT	47.9		6.1		•	- •	100.0			100.0		

SEPTEPECR

PERIOD: (PEIMARY) 1953-1979

TAPLE 4

ARES COOP GUATEMALA SE COSSI

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR COMES

				PIAD	57EED 6	*40151			PCT	1014:
HOUR	CAL	1-3	4-10	11-21	22-33	36-47	40.	"EAK	1066	C+5
00663	9.9	12.9	54.4	19.1	1.6		٠.	7.5	100.0	2065
Detce	13.7	12.0	53.5	19.4	1.3	-1	.0	7.2	100.0	2021
12615	9.0	11.0	54.6	22.5	2.1	- 1		4.1	100.0	3000
19121	6.6	10.4	54.4	26.2	1.9	•		£.4	100.0	2364
161	414	902	4407	14+2	143		ō	7.4		£394
PC1	9.7	11.7	54.9	21.9	1.7	. 1	•6		100.0	

TAPLE S

\_ . . . .

PCT FREG OF TOTAL CLOUG AMOUNT (EIGHTHS)	PEFCENTAGE FFECLENCY OF CEILING HEIGHTS (FTINH 24/8)
SA MIND DIMECTICA	AND OCCUPRENCE OF AM CS/# BY WIND DIRECTION

										****	CUPREN	165 01	WH (2)	. 51	HAT D	*******	P#4	
PFD DIS	6-3	3-4		S E CBSSS	1014L CES	COAEL CFORL EVY	200 149	150 299	300 544	600	1000	2000 3499	2500 4996	5000 6499			NH (S/S	
		1.3	2.3	1.5		5.5	.1		.2	.5	. e		.1			.0	4.2	
#E	1.1	1.4	4.3	2.5		5.6	-1	•	. 3	1.0	1.4	.4	• 2			.0	4.1	
ξ	2.0	3.6	9.4	4.7		5.4	-1	.1	. 5	1.*	2.6	1.1	- 3	. 1	•	•	12.1	
SE	1.4	1.6	**6	2.3		5.4	.1	.1		3.0	1.4		• 2	.1		.c	6.4	
\$	. 6	1.4	3.6	2.7		5.7	.1	. 1	.2	1-1	1.1		• ?	-1	.1	.0	4.6	
- 50	.5	1.8	4.9	4.6		6.2	.2	.1		1.4	2.2		. 3		.1		5.2	
•	1.5	3.0	7.5	5.5		5.4	.3	• 1		2.3	3.0		. 3	- 1	•	.0	4.9	
A.C	1.1	1.4	3.8	2.2		5.4			.2	1.1	1.1		. 1	.1		-1	5.4	
VAR	.c	:0	.0	.0		.0	.0	.0	9.	40	.0	.0		.0	.0	.0	.0	
CALP	2.5	2.5	3.2	1.2		*.2	•	•	•	. 4	. 7	. 2		•	•	•	7.8	
TOT OSS	765	117=	2759	1718	6416	5.6	65	Zŧ	102	727	920	313	125	25	20	10	4024	6416
TOT PCT	11.9	18.3	45.3	24.=	100.5		1.5		2.4	11-0	14.3	4.9	1.9		. 3	-2	42.5	100.0
101 761	11.4	18.3	45.3	24.2	100.5		1.0	.4	2.4	11.5	14.3	4.5	1.9	••	•3	•2	42.5	

TABLE 7

# CUMULATIVE MCI FAFE OF SIMULTANEOUS OCCUPACNEE OF CEILING MEIGHT INH SAVAT AND WEST INM

				¥587 (%)	• 1			
CEILI	45 : C#	2 68	= CR	2 08	2 04	: 02	= CR	I 02
(FEFT	) >10	>5	>2	>1	>1/2	>1/4	>504D	>9
= CO >45	. 9		-5	.5	.5	-5	.5	.5
7 04 >50	OC .7					- 1	. 8	
= 04 >35	00 2.3	2.6	2.7	2.7	2.7	2.7	2.7	2.7
2 CF 320	00 6.5	7.3	7.4	7.5	7.5	7.5	7.5	7.5
= CR >10	00 14.2	21.0	21.6	21.7	21-7	21.7	21.7	21.7
I CR >40	0 25.6	31.1	32.2	32.4	32.5	32.5	32.6	32.6
= CB >3L	0 27.5	33.5	24.4	35.2	35-3	35.3	15.4	25.4
= CR >15		33.9	35.2	35.4	25.7	35.7	25.4	35.4
= 0P > D	2a.C	34.5	36.0	36.4	36.4	30.7	34.4	30.0
101		2265	2365	2394	2056	2404	7414	2416

TOTAL NUMBER OF CBS: 6568

PCT FPEO \*\* (5/8: 63.

TABLE 74

PERCENTAGE FREE OF LCM CLOUDS SEIGHTHST

G 1 2 3 4 5 6 7 8 085C CBS 4+4 11+2 17+7 17+1 12+2 9+6 8+6 6+6 11+5 -7 6965

57	P١	f =	# f	D

								SEI	P1648(D						
P[F1(D:	(CA[d-7FF] ]							1	APLE 6				400	1 0009	GUATEMALA SU COAST 1.98 91.04
			P	ERCENI	FPEC PPEC	CF -14 :Pljat	107 FI 3 Diet	CTION TH VAI	VS GCC RYING Y	UZRENC ALUÉS	CF VIS	CN-CC	UPPENO T	E OF	
	(4K) A254		•	*£	Ę	S€	\$	\$6	•	A.	ATE	CALP	PCI	TOTAL	
	<1/2	92 <b>9</b> 40 PCF 101 1	. <u>c</u>	•;	• •	.:	.:	÷	•0	·r	.c .c	.c	•2 •2 •2		
	1/2<1	PCF NO PCF 101 1			••	.0 .0	• •	.:	:		.c 3.	.c	•1 •1		
	142	PCP NO PCP TOT %	• 5	:	•1	.1	• •	-1 -1	•1 •	.;	3. 2. 0.	-0	.* .? .6		
	2<5	PCP NO PCP 101 1	•1	• !	.2	.1	.1	:3	.3	.1 .1 .2	2. 2.	•	1.3 .t 1.9		
	5<10	PCP NO PCP 101 %	.1	.3	1.3 1.8	.: 3. 3.1	.3 .7 1.0	.7 1.3 2.0	.7 1.3 2.0	.3 .6 1.1	2. 2.	.1	3.3 7.4 10.7		
	10•	PCP NO PCP 101 %	.2 5.6 5.8	7.7 7.0	15.0 16.5	.3 •.0 •.2	.2 6.5 6.4	7.1 7.5	.0 13.7 14.6	.2 7.1 7.4	.c e.	.1 4.6 5.7	3.4 83.1 86.5		

Table +

45 <u>8</u> 4 (44) (1/2					PIIM A	Tha Ire	ATTE	S OF W	ISIEIL	ITY			
	5*2		46	£	SE	s	55		**	710	CALF	PCT	TOTAL
(1/2	KIS												025
(1/2	3-3_	٠.5	•	•	.0		•	•	•	٠.0	•	-1	
	4-10	.c	.¢	•	•	٦.	.0	•	•	.0		- 3	
	11-21	.5	•	•	•		•	•	•	.0		-1	
	22+	•	•		.5	.0	•	.0	.0			•	
	ICI I	•	•	-1	•	•	.1	- 1	•	-0	•	. 3	
	ō-3	•	.0	.=	-0	.c	-0	.0		٠.		•	
1/261	4-10	.0	.0	-0	•	•		•		2.			
	11-21	-0	•	• E	.3	•	•	•	•	.0		-1	
	22+	.5	2.	•	-0		-0		.0	.0			
	IC: T	•	•	•	•	•	•	•	•	ع.	•c	-2	
	C-3	.0	.3			.e	.5	.:	-0				
1<2	4-13	•	•	- 1	•	.0		•	•			•2	
	11-71	•		•	•		-1	-:	•	•0		- 3	
	55-	•0	.:		•	.5	•		.c	-0			
	ici s	•	-1	-1	-1	•	- 1	-1	- 3	.5	•	-6	
	C-3	•		•	•	3.	.0	.c		-0	-3	-2	
245	4-12	-1	-1	-1	-1	- 1	-1	-2	-1	-0		1.0	
	11-21	-1	• 1	-1	-1	-	-2	• 2	-1	-0		. 8	
	22.	-5	.0	•	•		-1	-1	•	.0		-2	
	ici s	-2	-2	- 3	-3	• 2	••	••	•2	-¢	-1	5.2	
	C-3	-1	- 1	• 2	-1	• 1	-1	-2	-1	.0	.5	1-5	
5(10	4-17	• 3	• 5	- 8	- 6	-6		. 5		-0		5.0	
	11-21	• 1	+2	- 7	- 3	-3	· è	. 7	. 5	- ¢		3.4	
	22+	•		-1	•	-1	.2	- 1	- 1	-0		.6	
	Tet z	-5	• •	:- 6	1.3	1.0	Z+0	2-0	1.1	-6	-5	10.6	
	\$ <del>-</del> 3	1.4	1.1	1-7	1-1	1.1	1.0	1-6	1-2	.5	4.5	19.3	
10+	4-15	3.7	5	10		• • •	5.1	4.3	4.5			*1.6	
	11-21	• \$	1.4	4.0	1.7	1.1	1.0	4.3	1.3	.0		17.3	
	22+	•	_ •	-1	-1	-3	- 3	.2	•	.c			
	161 1	5.7	3.0	16.3	4.2	6.7	4,6	14.4	7.4	-0	1.7	46.1	
10	T CFS												4172

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PERIOD: (PRIMARY) 1057-1676 (CTEE-ALL) 188--1076

TAPLE IC

1040 BCOO GUATEMALA SE COAST

# PERCENT FRECUENCY OF CEILTS WEIGHTS (FEFFIAH JAVE) AND COCCURPENCE OF AM 15/8 BY MCLR

+6411	292 1=9								4500 7995		TETAL	44 (5/8 444 HST	
00103	- ^	.2	2.1	6.3	12.5	•••	1.1	•:	.7	.2	35.4	44.5	1519
01604	1.5	. 3	2.4	4.3	17.5	4.0	1.5	.2	-5	.1	:2-1	67.5	1515
12015	1.3	.*	***	11.7	15	4.9	2.2	.:	.3	.7	÷3.1	54.9	1641
11621	.7	••	2.5	10.*	15.2	5.1	7.0		.3	.1	37-3	e:.?	1532
101	69 1.0			71e 15.5						10	2432 35.7		1299

1484E 21

1491E 12

		PLªCEN:	**[cu[	.c= +58	Y (%*)	PI MOUR	•	Curtant					7587 (%P) 1,87 mcus	
#084 {G=13	<1/2	1/2(1	142	245	5<10	10+	TOTAL OBS	+3t# (6*1)	(150 (5010				44 (5/8 440 5+	TOTAL CPS
00203	-2	•2	.2	1.6	7.4	40.3	2075	22523	.•	3.5	12.4	14.5	44.7	1755
24259	•5	•	•5	1.0	10.6	86.7	2010	25725	2.4	*.3	14.8	19.2	66.0	1436
12615		.3	1.2	2.6	24,6	40.3	2015	12115	1-4	4.6	21.6	22.5	55.9	1611
10021	.•	-1		2.5	1.5	****	2275	:412:	.7	3.5	15.6	23.1	61-3	1766
101	26	15	53	162	10-4	7209	4373 100-0	ici	**		1054	1374		9599

TAPLE 13

149LE 14

																-				
	P{40	ENT FO	Eaut #C	<b>▼ Ç</b> F ₽	EL#114	E HU-I	SIIT 9	7 1C-F	10741	721		PERC	(*1 FF	EFUENC	4 CF E	145 61	******		( <b>*</b> *	
TEPP F	0-24	30-34	40-49	50-54	40-69	70-74	+c-e=	40-103		FREC	•	**	٤	SE	5	\$4	٠	54	*14	CALS
45/44	.0			٦.		.c	.c	.0	2		.c	-0	-0	.0	.:	.0			.0	•
95/94	.0			•	- 3	. 2		.0	34			•	. 2	-1		•	•	•	2.	
85/89	3-	- 0	•	- 3	7.2	7.0	1.7		754	12.2	1.0	1.5	2.5	1.2		. *	1.5	1.1	.0	1.5
83/84	2.	. 7	.0	-1	1.5	22.4	35.2	5.5	4245	45.4	4.1	6.1	12.6	7.6	5.1		10.4	5.1	- 2	
75/79	- :		· · e	.0		1.1	9.7	10.7	1340	22.5	1.1	1.4	2.4	1.4	1.0	4.0	5.1	1.0	.Ė	1-1
70/74	- 2			.0	.0		- 1		- 3	-7		-1	-1	•		.1	.2	•1	.5	-5
45/49	.0					.c		•	1	•				-5	.0	•	•	.3		.5
TOTAL	8	C	1	12	273	2113	1014	10+5	6521	100.0										
***		•			- : :	11.													-	

TAPLE 15

1131E 16

	-6425.	CRIPER	ES AND	PERCE	RIILES	of 16	-> 101	(E F) 4	T MOUR		*[#(	<b>ENT FRE</b>	(606454	of att.	1111 =	LFICITY	84 55	2
******	-11	***	453	101	52	11	-1-	~[14	1014L 085	400# 66=11	E-54	30-54	40-44	76-70	20-69	40-125	*(1%	TOTAL DBI
COLCS	74	84	85	42	78	75	72	42.C	2103	55133		.2	4.5	39.2	43.5	12.4		1744
*2342	91	85		#1	77	75	4.9	+5.6	2566	26129		.1	1.0	24.7	55.4	18-1	54	1622
12615		45	6.3	8 C	76	7.	72	40.1	2035	17615		-1		70.*	53.5	25.1	25	1617
18121	45	40	2.5	1.3	77	75	73	62.1	2332	1#621			4.5	45.7	33.4	11.7	7.6	1712
101	**	44	26	62	77	75	4.0	81.6	4536	101		13	201	7195	1097	1125	82	4441

TABLE 17

#PS# 0200 SUBTÉMALA SE COAST 11.5% 91.0%

बन्दर्भ ओक्टरेड, जो संस्कृतिका केल्या , 'ते केल्या का क्षेत्र केल्या केल्या केल्या केल्या केल्या का क्षेत्र केल्या

# PCT FREE OF ALZ IC-PERATURE (DEG F) AND INC OCCUPACED OF FOR GALLHOUT PRECIPITATION) TO AIR-SEA IC-PERATURE DIFFERENCE (DEG F)

••											
419-SE4	64	73	77	•1		4.5	292	101		÷0	
ine CIt	72	74	*0		-+	42			*es	105	
11/13	٠.	.0	.=	.0					.0	.1	
4/1C		.0	3.		. 1	- 1	•	23	-0	.;	
7/1	.0	.5	.0		.2		-0	45			
			•		::			54	.5	.,	
					:;		•	107			
5			-1						٠.	1-5	
•	.:	.0	- 2		1.3	- 1	.0	170	•	2.3	
3	٠.0	•	-2	7	1.5	.1	-c	146	-5	2.6	
2	ء.	•	. 4		7.0	. 2	.5	376	•0	5.2	
1	.t	•		3.3	1.2	•	.5	*16	•	5.7	
•	.5	•	:	4.4	1.7	-5	.¢	453	•	12.4	
-1	.0	.1	2.3	1.4	.*	- 0	.0	£65		11.5	
-2	٠.	-2	4.2	10.7	- 5	.5	.0	1173	•	15.5	
-3	.c	.2	4.4		. 3			120	•	12.0	
-4		. 3	5.1		. 1		.5	797	.c	11.0	
-5		- 3	4.4	2.4	•	-5	3.	532		7.3	
	.0	.5	2.9	1.5	.0	-5		323	.=	4.4	
-7/-6	٠.	1.2	2.5		•	. 5		298		4.1	
-67-15	••					ij	-0	**;		1.3	
-11/-13					::						
			-1					25	•3	••	
-1-/-14	•=	•		.5	• [	.=	-0	•	·¢	:	
TOTAL	2		2254		474		•		10	7242	
		750		3444		29		7252			
rer		7.0	35.4	53.2	11-5	1.7	-1	105.6	- 1	44.4	

P[+]CD: 1CTE=-1LL; 1443-1474

Tabl F 1:

PCI	tet:	ÇF	-140	39450	14757	***	D1#EC1164	*£#5U5	151	<b>+f16+15</b>	151)
-----	------	----	------	-------	-------	-----	-----------	--------	-----	----------------	------

<b>#57</b>	1-3	4-15	11-21	27-12	24-47	40.	PCI	1-3	4-10	11-71	22-33	34-47	48.	*:1
1-2 3-4		2.2			-5	.0	1.4	-5	1-6	-6	.5	-5	-0	2.1
1-7	- :	2-2	.2	.5	•5	.5	2.7	.5	3.4		-5		-0	4.2
3	•1				• • •	.5	. •	-1	1.0	1-3	.9 -1	.2	-0	2.3
4.4		.0	-1	.c	•2	.5	-1	.5	- 3		-1	-6	-5	-7
7 #-4 15-11 12 13-14	-7	:	•		- 3	.6	-1	-0	-1	.:	.0		-0	-1
*-4	.0		-5	-0		-2	.5	.:	-5	•	.0	٠.	.5	•
15-11	- 5	3.	ē.	٠.٤	.3		.5	.5	.=		.0	.t	-5	.0
12	.£			9. 3.		.6	.5		-5	.5	.5	.c	.=	-1
13-16	.=	.5	.=	.0	•=	.5	.t	-0	-5	.0	.=	-2	.2	.=
17-15	-€	3.	-5	.2	-3	- 5		.ċ	-3	.0	-2	.5	-5	
20-22	-0	2.			:5	.5	.7	.2		-0	.0	-8	-5	.3
22-25	-£	.0	3.		.=	.5		·¢	.5	.0	-5	-5	.0 .5 .9	.=
24-32	•=	.5	-5	.=	-4	+=	.:	.5	.0		.0		٠.	-0
22-25 24-32 33-40	.0		ē	.0	-6	-0	.0		.2		ē.	555555	3.	.5
41-48		3.			. 0	 	.0	.0	.s. .s.	-5	.=	.=	-3	.5
49-45	.5	.5		.0	٠.	-6	-0	.5	-=	.=	.5	.0	-5	.0
61-75	.6		.c	.=	.0	.0	.e .e .e			.0	3.	.0	-5	• • • • • • • • • • • • • • • • • • • •
71-84	٠.	٦.	.0	.E	.0	.0	.5	-8	.0	-5	-5	.2	.5	-0
67-	.0	.0	-2	-=	٠.	.5	.=	-0	•₽	-5	.0	.2	-9	.0
134 101	 2	3.4		•		.c	 5.2	1.0	4.3	7.1	.1	-1	.5	.0
#£T	1-3	10	11-21	f 27+33	34-47		*61	1-3	<b>-</b> -15	11-21	3E 27-73	34-47	•••	P21
<3	1.0	1.5	1.7	.5	.:	•=	2.7		1.4		.2		-0	1.0
1-7 3-6 7 8-9 10-11	-5	5.5	1.1	.5	•=	.0	7.5	-3	3.3		.0	• •	-5	4.0
3	:	2.7	7.4	-1	. fi		*.*	-1	1.1	1.7	-0	- 0	-0	2.3
5-6	.0		1.4	.1	•=	.5	2.2	÷.	- 3		-0	• 7	-0	.7
7		•2	•3	-2	- 5	-6		.c	45	.3	-1	-0	-5	.4
4-4			•			 2.	•	.5	40	-1	 	3. 3.	-8	-1
12-11	.=	.:	-1	.0	.5	-\$	-1	-8	-9		.3	3.	٠.	.E
17	-=	3.	-5	٥.	•\$	.:	.5	٦.	-,≘	-5	٠.	•E	-5	-0
13-16	-3	.0.0		.=	-5				.0	-6	2.	. E	.e .e	-5
17-16 23-22 23-25 24-32	-9	.:	<b>3.</b>	.5	• 7	.c	.5	.0	*5		-2	-0	-8	.0
23-22	.0	.0	-9	.0		.0	.3	-5	+5	-0	.5	.s .s	-6	.0
23-25			-5	ع.	•=	-5	.2	.5	- 45	-c	-0	-¢	-0	-0
50-25	.c		-5	-6	•5	٠.	.c	.=	=		.5	.5	-0	.0
33-45	3.	-0		-e -8	- C	-5	.5	.0	**	-6	-5	.c	-5	*¢
-1-41	-5		.5	-5	-3	-0	-5		*************	.c		.t	٦.	
33-90		.=	-E	.0	- 2		-ċ	•€	٠.\$	-5	.3	٠.	-8	.5
41-75	-E	.0	.5	ء.	.3	. 5		-6	• • •	£	.3	-6	.0	-5
71-96	.E	.:	-6	-0	-5	.5	.3	.c .c	.0	3 3.	.0	÷.	٦.	-0
67- 161 PET	•2	   	5.5	.0	- 0			.0	.0	-6	-0	• €	-5	.0
161 267	1.6	10.5	5.5	-3	-5		17.9	.7	1.1	2-2	-1	.0	-5	4.3

								5[P	1E#8E#							
PERIOD:	COAE	R-#LL)	1963-1	979				TAPLE 18	LCONT	,			ARFA	3009		ALA SE COAST
					1 1962 0	F SIND	ZPEED	KÄTSI AN	C DISE	CITON 1	VERSUS S	EN HEIG	HIS (FI	,		
HST	1-3	4-1G	11-21	\$ 22.33	24-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	42.	Par	
<1 `	٠.٤	1.3					1.6			1.0		.0				
1-2	.3	2		.0	::		2.7		:3	3.0	:;		.0	.0	1.5	
3-4		1.5	1.0	.0		.0	2.5		.2	1.7	1.3		ić.	.0	3.2	
5-6	.1				.0	3.	- 1,5		. 0		1.7	.,		.0	1.7	
7	.c	.c		**		.0	- 11		.č		.,7		·	.0	1.0	
8-9	.õ	.6		.0	.0	.0	`;			.0	i i		iè.	.0		
10-11	.0	.0	.0				.0		.č		::	::		.5	.,	
12	-0	.c	.0	.0	• 6	.c	40		.0		.0	.c	ĵ.		.0	
15-16	.0	.0	.0	.0	.0	.0	•0		.0	.0	.0	.0		.0	.ŏ	
17-19	.0	.0	.0	.0	.0	.0	.0				.0	·ċ.		.0		
20-22	• 0	•0	.0	.0	.0	.0	.0		.0	.0	.0	•0	, ñ	.0	.0	
23-25	٠0	•0	.0	.0	.0	.0	-0		.c	.0	. c	.0	.0	.0	.0	
26-32	.0	•0	.0	• **	.0	.0	•0		. 0	.0	.0	.0	.0	.0	.0	
33-•0	-0	•0	.0	• 0	.0	•0	-0		.0	.0	.0	٠.	- 0	.0	.0	
41-48	•0	•0	.0	.0	.0	.0	.0		.0	.0	١.	•0	•¢	.0	.0	
49-60	.0	•0	.0	.0	.0	.0	.0		.0	.0	.0	•0	.0	.0	.0	
61-70	.0	-0	.0	•0	.0	• 0	•0		.0	.0	.0	.0	.0	.0	.0	
71-86	•0	•0	.0	.0	• 3	٠0	-0		.0	.0	.0	•0	• 0	•0	.0	
87+	•0	.0	.0	.0	.0	.0	.0		.0	.0	.0	.0	•0	•0	.c	
101 PCT	.8	5.1	1.7	•	.0	•0	7.6		. 9	6.1	4.3	• 5	.0	.0	11.8	
												A.				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	9-10	11-21	22-33	34-47	48+	PCT	PCT
<1	1.0	1.7	- 1	.0	.0	.0	2.9		. 7	1.0			.0	٠.٥	1.8	. • •
1-2	.6	5.1	1.7	.0	. 0		7.4		. 5	2.4	. 5	.0	9.	.0	3.4	
3-4	. 2	2.7	2.7	•	.0	.0	5.6		- 1	1.1	1.2	• 1	.0	.0	2.5	
5-6	•	• •	1.8	•5	.0	٠٥	2 4 7		•	. 3	.6	• 1	•C	.0	. 9	
7	.0	1	1.3	. 5	.0	.0	1.6		-0	.1	. 3	.1	•0	.0	.5	
8-9	-0	.0	- 1	٠.	.0	.¢	•1		٠¢	.0	- 1	.0	.0	-0	• 1	
10-11	•0	.0	• 5	- 1	.0	•0	•2		•0	.0	.0	.0	•0	-0	.0	
15		•0	• 1	.0	.0	٠.	• 1		.0	.0	.0	•0	•0	.0	.0	
13-16		٠.0	•0	•	•¢	•0	•		•0	.0		•	.0	•0	•1	
17-19	.0	٠.0	.0	.0	••	.0	.0		•6	•0		.0	• 5	•0	•0	
23-25	.0	٠,0	•0	•0	•0	.0	•0		.0	•0	٠.	.0	• 6	•0	.0	
25-25	.0	.0	•0	•0	•3	.0	•0		.0	.0		•0	•0	•0	.0	
33-40	.0	.0	9.	•0	•0	•0	٠,0		• 5	.0	• 6	•0	•6	•0	•0	
41-44				•0	.0	٠,	.0		•5	.0		•0	.0	-0	.0	
49-6C			.0	.0	.0	.0			•0	•0	.0	.0	•¢	•0	.0	
61-70	.0	:0	.0						.0	•0	.0	.0	9.	.0	-0	
71-86	.0	.0			• 7	•	÷		.0	.0	3.	.0	.0	•0	.0	
87+	.6	:0		:0	. ò	.0			•6	.0	• 0	.0	.0	•0	.0	
TOT PCT	1.8	10.3	7.9	.5	.5	.0	20.6		1.3	4.9	2.4	.2	ě	•0	9.2	91.2
•			,	••	•••					•••		••	••	•••	/••	

	WIND	SPEED	EXIS	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	46.	PCT	101
C1	14.4	10.4	.5	:0	•c	.0	25.2	063
1-2	3.6	26.9	5.2	.0	•0	.0	35.7	
3-4	1.1	11.5	11.3	.2	• 6	.0	24.1	
5-6	• 3	2.7	6.3	. 5	•6	.0	9.5	
7	.0	. 5	2.7	.9	• C	.0	4.1	
8-9	.0	.0	.5	. 1	•0	.0	.6	
10-11	•0	.0	.3	.1	٠Ċ		. 4	
12	.0	•0	.1	.0	• 1	•C	.2	
13-16	.0	•0	.1	. 1	-0	-0	.1	
17-19	•0	. 0	.0	.0	.0	.0	.0	
20-22	•0	-0	.0	.0	•0	.0	٠,٥	
23-25	•0	.0	.c	.0	.0	٠.	.0	
26-37	.0	•0	.0	.0	•0	• 0	.0	
33-40	•0	.0	.0	.0	.0	.0	.0	
41-46	•0	• 0	.0	.0	•0	.0	•0	
49-60	•0	.0	.0	.0	•0	.0	•0	
61-70	•0	•0	.0	•0	.0	.0	•0	
71-86	•0	•0	٠.	.0	•0	.0	• 0	
67+	•0	•0	.0	.0	.0	٠.	.0	
101 PC1	19.3	51.9	26.8	1.9	.1	.c	100.0	1773

PERIO	D: 104	ER-ALL	.1 194	9-1979	,				T#PLE	19											
					PERCEN	I FRE	QUELCY C	F WA	YĒ HE1:	GHT EF	T) YS 1	ILVE P	ERIOD	SECON	DSI						
PERIOD (SEC)	G	1-2	3-4	5+6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87•	TOTAL	HEAN HGT
<6	4.6	13.9	15.4	7.7	2.5	.6	• 3	.1		.1	.0	•0	.0	.0	.0	.0	•0	.0	.0	2678	3
6-7	-1	1.9	9.0	8.0	3.1	1.2	. 7	.2	. 1	.0		.0	.0	.0	.0	•0	.0	.0	.0	1444	5
8-9		1.0	3.4	3.4	2.0			.2			.0	40	.0	.0		.0			.0	663	Š
10-11	.0	+6	1.0	1.1	. 9	. 3	• 2	.2	- 1	-0	.0	•0	.0	.0		.0	.0	.0	.0	252	Ĭ.
12-13	.0	.0				.1	.1	.1		.0	.0	•0		.0		.0				105	i i
>13	.0	.0	.0	.2	. 4	. 2				.0	.0	.0	.0	.0			• • •			51	- 7
INDET	6.4	1.5	2.2	1.2	.5	. 3	• 1		.1		•	• • •		.0					.0	730	,
TOTAL	658	1120	1870	1313	576	208		+3	21	10	2	0	ň	ŏ	ū		0	ā		5923	
PCT	11.1	18.9	31.6	22.2	9.8	3.5	1.7	.7	.4	.2	•	•0	.0	•0	.0	.0	٠ŏ	.0	.ŏ	100.0	•

TABLE I

APEA DODY GUATEPALA SE COAST

PERCENT	FRECLENCY	OF	MFATHER	OCCURPENCE	#Y	WIND	DIPECTION

				PREC IP	1.110	k ITPE					OTHER	WEATHER	PHEND	MENA	
AND DID	PAIN	FAIR SHUR	DRZL	FR ZG PÇ PN	SADL	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR LT4G	FGG WO PCPA	FOR WO PCPN PASI HR	SHOKE HAZE	SPRAY BLUG DUST BLUG SNOW	
N	2.5	1.4	1.2	.0	•0	.0	.0	*.8	3.1	5.0	- 1	.0	.5	.0	86.5
NE.	3.5	1.9	1.3	.0	•0	.0	.0	6.5	4.1	4.6	. 1	- 1	.4	.1	84.2
ε `	4.9	2.3	1.6	.0	-0	.0	.0	8.5	4.2	3.9	.:	-0	.7	•0	82.9
\$ E	4.0	2.6	1.1	.0	.0	.0	.0	7.9	4.6	3.0	• 0	.0	.5	.0	44.3
\$	2.1	2.9	. 8	.0	.0	.0	.0	5.8	4.6	4.4	. 3	•0	.3	•0	84.8
50	5.0	3.5	1.7	.0	٥.	•0	.0	10.1	5.4	2.7	. 5	.0		-1	80.8
ė i	5.1	2.9	1.8	-0	•0	.0	.0	9.6	5.9	3.4		.0	. 3	-0	80.4
Nie	2.5	1.1	1.0	.0	•0	.0	•0	4.7	2.2	4.1	.5	.0	.3	-0	88.6
VAR	10		.0	.0	.0	.0	.0	.0	•0	.0	.:	-0	.0	.0	-0
CALM	.4	.7	45	•0	•0	•0	•0	1.6	1.6	6.5	• 2	•0	1-6	•0	**.*
TOT PCT	3.6 7720	2.2	1.3	•0	•0	•0	-0	7.0	4.1	4.1	.3	•	.5	•	84.1

TABLE 2

## PEPCENT FREQUENCY OF WEATHER OCCUPRENCE BY HOUR

			,	RECIPI	TATIO	N TYPE					OTHER	WESTHER	PHEND	HENA	
HOUR (GMT)	PAIN	PAIN SHER	CAST	FRZG PCPN	SNOL	OTHER FRZN PCPN	HAIL	PCPH AT 08 TIME	PCPN PAST HOUP	THDR LTNG	F06 N0 PC2N	FOG WO PCPN PAST HR	SMOKE HAZE	SPRAY BLWG DUST BLWG SNOW	
C0603 C6609 12615 18621	5.4 5.4 2.4	1.7 1.4 3.3 2.5	.9 .7 2.3 1.2	.000	0.0	.0	.0	4.8 4.5 11.4 7.1	3.1 3.1 5.6 4.5	1.3 11.1 4.8	.5	.1 .0 .0	.5 .6 .6	.0	90.1 80.2 77.7 37.5
TOT PCT	3.5	2 - 3	1.3	.c	.0	.0	•0	6.9	4.1	4.3	• 3	•	.5	•	44.0

TABLE 3

#### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED-AND BY HOUR

WAD DIG	0-3			22-33 :		48+	TÔTAL OBS	PC1 FREQ	PEAN SPD	00	03	06	H0U9	(SPT)	15	18	21
									•.•								
	1.8	5.8	1.0			.C		8.7	6.8	5.è	3.3	7.9	7.1	12.4	4.8	9.5	7.9
NE	1.5	6.3	2.3	.1		.0		10.2	6.3	7.2	5.1	7.7	11.5	13.5	13.0	12.4	9.4
Ë	1.8	8.1	3.9	. 2	•	.0		14.0	-9.1	14.6	9.1	10.0	6.7	14.4	11.2	18.0	11.1
št	1.2	5.6	1.6	. 1	•	.0		8.4	8.0	11.1	13.0	8.2	7.1	6.6	4.9	7.8	11.2
Š	1.3	4.9	1.5	• 2	•	.0		7.9	8.2	9.4	7.5	9.2	10.7	4.4	10.2	7.2	7.4
Sh	1.0	7.1	4.0	. 5	•	.0		12.7	10.1	15.2	15.5	11.6	14.6	10.1	17.8	12.0	15.2
	1.9	9.9	5,1	. 3		.0		17.2	9.2	18.6	21.5	19.3	18.4	15.4	19.5	15.2	14.9
Nb	1.7	6.7	1.8	•	.0	.0		10.2	7.3	8.4	11-1	10.2	7.7	12.0	10.4	9.7	16.4
VAR	.0	• 0	.0	.0	.0	.0		.0	.0	.0	-0	-0	•0	•0	.0	.0	.0
CALM	10.7							10.7	.0	9.7	13.9	16.8	12.3	7.2	5.8	8.1	6.6
101 085	1874	4452	1735	124	11	0	*205		7.6	1853	137	1844	163	1735	206	2084	183
TOT PCT	22.5	54.4	21.1	1.5	• 1	•0		166.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

		WIND	SPEED	(KNOTS)						HOU	GRT:	ı
WAD DIR	0-6	7-16	17-27	28-40	41+	TOTAL	PCT	MEAN	co	06	12	18
	-			-		085	FREQ	SPD	03	09	15	51
N	4.9	3.6	-2	•	•		8.7	6.8	5.6	7.9	11.0	9.4
NE	4.4	5.1	• 7				10.2	8.3	7.1	8.0	13.4	12.2
ť	5.3	7.4	1.2	•	.0		14.0	9.1	14.2	9.8	14.0	17.5
ŜE	3.9	411			.0		8.4	F.0	11.2	8.1	6.4	4.1
Š	3.6	3.	.5	-1	.0		7.9	8.2	9.3	8.4	4.8	7.2
Š¥	4.1	7.0	1.5	-2	.0		12.7	10.1	15.3	12.2	10.7	12.3
ŭ.	6.5	*,	1.4	.1			17.2	9.2	18.8	19.3	15.9	15.2
Ne	5.4	4.5	. 3		.0		10.2	7.3	4.6	10:0	11.9	10.2
VAR			.0	•0	.0			.0	.0	.0		.0
CALT	10.7	••	• • •	•••	•••		10.7		9.9	16.4	4.7	8.0
101 055	4009	3655	495	33	2	8205		7.6	1990	2007	1991	2267
***										100.0		100 0

OCTOBER

PERIOD: (PPIMARY) 1953-1979 (OVEP-ALL) 1872-1979

SABLE S

APER COOP GUATEMALA SW COAST

PERCENTAGE FREQUENCY OF SIND SPEED BY HOUR TERTT

				¥140	SPLED I	KACISI			PCT	TOTAL
HOUR	CALM	7-2	4-1C		22-33			MEAN	FREQ	CPS
20503	9.9	11.9	57.0	19.3	1.7	.2	.0	7.4	100.0	1990
O6EG9	16.4	13.9	51.5	16.9	1-1	- 1	.0	6.7	100-0	2007
12115	8.9	10.7	55.6	22.8	1.,		.0	8.1	100.0	1941
13621	\$.0	12.0	53.6	25.0	1.5	•	.0	4.1	100.0	2267
TOT	881	993	4461	1735	1-4	11	C	7.6		9205
PCT	10.7	12.1	53.4	21.1	1.5	. 1	.0		100.0	

TARLE 5

TAPLE 6

,	CT FRE			LOUS A		(E IGH1H5 '							CEILIN NH (5/					
WAD DIR	0-2	3 4	5-7	esco	IDTAL CRS	COAEL	000 149	110	352 599	996 956	1000	2000 5499	35DC	5000	6500 7999	8000÷	HH CS/R ANY HGT	
	2.0	2.2	3.4	1.7		4.5	•		•2		.9		.1	•		.0	6.8	
NE.	2.1	2.7	*.0			4.	. 1	•	• 7	. *	٠,٦		- 1	•	•	.0	7.8	
Ε	2.3	3.1	5.9	3.3		5.2	.1	. 1	. 3	1.4	1.7	. 9	• 3	- 1	•	•	9.6	
SE	1.5	1.0	3.5	1.5		5.0	.1		٠.	.6	. 9	.4	• 1	•	- 1	•	5.9	
5	.8	1.5	3.3	1.0		5.5	-1	•	.2	.9	1.1		. 3	• 2	•	•	4.8	
SW	1.0	1.8	5.5	4.0		6.0	.2	•		1.6	2.0	1.0	. 4	- 1		•	6.5	
	2.2	3.7	6.9	4.3		5.4	•2		.5	2.2	2.4		• ?	. 1	•	•	10.5	
NU	1.0	2.4	3.4	1.0		4.5	- 1	. 1	• ?	.7	1.0	• 3	- 1	•	•	.0	7.3	
VAR	.0	-0	• C	•0		.0	.0	.0	•0	٠.	.0	•0	٠.0	.2	.0	٠,	.0	
CALM	3.5	3.0	3.2	1.0		3.9	-0	•	• 2	.\$		•2	• 2	.0	.0	•	9.0	
101 085	1118	1473	2529	1332	6452	5.0	53	24	158	See	749	310	120	33	12	6	4399	6452
TOT PCT	17.3	22.8	39.2	50.4	100.0		.8	. 4	2.4	9.:	11.6	4.8	1.9	.5	• 2	- 1	64.2	100.0

TABLE 7

CUMULATIVE	PCT	FREC	OF	SIMULTANEOUS	OCCURPENCE
				34 /81 AMP V	

						AZBA (MA	13			
	CI	ILING	= CR	= O£	= OR	= )R	= ¢R	= OR	= 09	= CR
	(1	EFTI	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
ī	ĊR	>6500	•2	- 3	.3	.3	• 3	. 3	.3	•3
:	Q.R	>5000	•6	. 8				. 6	.8	• •
:	QR	23500	2.2	2.6	2.6	2.6	2.6	2.6	2.6	2.6
:	OR	>2000	5.4	7.4	7.5	7.5	7.5	7.5	7.5	7.5
=	OR	>1000	15.7	18.5	18.9	19.0	19.0	19.0	19.0	19.0
=	OR	>600	22.3	27.1	27.8	27.9	27.9	28.5	28.0	28 · C
=	OR	>300	23.5	29.1	30.1	30-3	30.4	30.4	30.	30.4
=	OR	>150	23.7	29.4	30.4	30+6	30.7	30.7	30.8	30.6
			23.9	29.9	31.0	31.4	31.5	31.5	31.6	31.6
		TOTAL	1590	1986	\$062	2084	2091	2092	5096	2096

TOTAL NUMBER OF CES: 6642

PCT FPEQ NH <5/8: 68.4

TABLE 7A

PERCENTAGE FREE OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 A ORSCO OBS 6.5 13.9 19.2 16.6 11.8 8.0 8.0 6.1 9.3 .6 7013 OCTOBER

PEPIOD:	(DATA=VET) 1							TA	BLE P				APE	* 0009 GUATEMALA SW COA1. 11.9N 91.0W
			۴	FRCENI	FREC					URPENCI ALUES				F OF
	VS84 (NP)		٩	NE	τ	58	5	SV	¥	N	YAR	CALP	PCI	TOTAL
		PCP	•			• 0	.0				.0	.0	- 1	
	<1/2		.0	. 2	.0	• 0	•0	•	.0	• 0	.0	.0	-;	
		101 2	•	•	•	•0	•0		•	•	•0	•c	• 1	
		PCP	.0	•	.c	.0	•	•	•	•0	.0	.0	. 1	
	1/241	NO PCP		. C	•	• 0	••	•0	•0	•0	.0	.0	•	
		ici r	• 0	•	•	•0	•	*	•	•6	.0	•0	-1	
		PCP	•	•	- 1	•	•	- 1	. 1		.0	•	• 3	
	1<2	NO PCP	- 2	*	•	•0	.0	.0	•	•	•0	•0	- 1	
		101 2	•	•	- 1	•	•	. 1	• 1	•	.0	•		
		PCP	•	•	• 5	• 1	1.	.2	• 2	• 3	.c	•	. !	
	245	NO PCP	•	•	.1	• 1	.1	.1	:1	• 1	0.	.0	. 6	
		101 1	•	- 1	. 2	• 2	• 2	.3	+ 3	-1	.c	•	1.4	
		PCP	.7	. 3	.5	• 7	• 2	.5	. 7	.7	.5	. 1		
	5(12		. (	. 6	1.0	• 6	.7	1.5	1.6	. 9	.0	.5	8.0	
		101 1	. *	• •	1.5	• 8	۰.	1.0	2.4	1.5	•0	.5	10.6	
		PCP	• 2	. 3	. 5		- 1	•6	7	. 2	.0	• 1	3.0	
	10*	NO PCP	7.7		11.9	7.0	6.7	9.9	13.6	8.	.0		84.3	
		ici i	7.6	6.1	17.4	7.4	£ . 8	10.5	14.5	9.0	.0	10.C	£7.4	
		tor ces												7693
		101 PC1	8.7	10.1	14.2	A.3	7.4	12.8	17.3	10.2	.2	10.4	100.0	

				PERCEP!					VS WI		ED		
V58Y (A*)	SPD	N	NE	ε	ŞĒ	s	S¥		*	VAP	CALM	PCT	TOTAL
	0-3	.0	-5	-0	.0	.0	•	.0	.0	.0	.0	•	
<1/2	4-10	•	•0	•	•	.0	•	•	•	.0		.1	
	11-71	•	•	+0	. 3	.0		•	.0	•0		- 1	
	52+	•0	•0	•	.0	.0	• 0	•0	•	•0		•	
	101 2	•	•	•	•	.0	•	•	•	•0	.0	• 2	
	0-3	.0	.c	.0	.0	.0	•0	.0	•	.0	.0	•	
1/2<1	4-1C	.0	• C	•	.0		•	•		.0		• 1	
	11-21	.0	•	.8		.0		•	.0	•0		.1	
	22.	.0	.0	.c	٠.	•0	•	•	.c	.0		•	
	101 2	•0	•	•	•	•	•	•	•	•0	•¢	• 2	
	0-3	.0	.0	•		•	.0	.0	•	.0	•	-1	
1<2	1C	•0	•	•	•	.0	•			.0		• 2	
	11-21	•		- 1	•	.0	•	•	•	•0		• 2	
	22+	•	•0	•c	.0	.0	-0	•	•0	.0		•	
	tet :	•	- 1	. 1	•	•	-1	. 1	. 1	.0	•	.5	
	0-3	.0	.0	•	•	.0	•0	•	•	.0	•	- 1	
2<5	4-10	• 1	•	. 1	.1	. 1	• 1	•2	. 1	.0			
	11-21	•	- 1	- 1	-1	. 1	• 2	• 2	•	.0		. 7	
	55+	.0	•	• 1	•	•	•	•	.0	.0		• 2	
	ICI 1	. 1	• 1	. 3	• 2	•5	• 2	••	•5	.0	•	1.8	
	0-3	- 1	- 1	.1	.1	. 1	-1	-2	• 2	.0		1.5	
5<10		.5	. 4	•7	.4	. 4	•7	1.1	.5	.0		4.6	
	11-21	•2	• 3	.5	• 2	. 3	-8	1.0	.3	.0		3.6	
	55+	•	•	- 1	•	• 1	• 2	- 1	•	.0		- 6	
	101 1	.8	• 8	1.4	.8	.9	1.9	2.4	1.0	.0	. 6	10.5	
	0-3	1.7	1.3	1.6	1.0	1.2	. 9	1.7	1.5	.0	10.1	20.8	
10+	4-10	5.3	5.8	7.2	5.0	4.4	6.2	8.6	6.0	.0		48.5	
	11-21	. 5	1.8	3.2	1.3	1.2	3.0	3.9	1.5	.0		16.7	
	22+		- 1	• 1	• 1	- 1	- 3	• 2	•	•0		. 8	
	101 1	7.8	••0	12.1	7.3	5.6	16.3	14.5	4.9	.0	10.1	86.9	
	tor ces												7995
	TOT PCT	8.7	10.1	14.0	8.4	7.9	12.7	17.3	10.2	•C	10.7	100.0	

OCTOBER

PERIOD:	(PRIMARY)	1952-1979
	INVER-ALL )	1877-1070

TABLE 10

AREA OUGO GUATEMALA SU COAST

ERCENT	FREGUENCY			24/61	440

HOUR (GMI)	000				1000						TOTAL	5H C5/E ART HGT	
00603	-	-									26.3	71.7	
06609	. 5	•2	1.4	2.4	10.2	5.2	1.9		.1	.1	27.6	72.4	1603
12625	1.0	.5	3.6	10.1	13.2	4.5	1.9	.5	.1	-1	35.4	64.6	1645
18621	. 8	•\$	5.5	8.5	11.4	4.9	1.7	.5	.3	•1	31.3	58.7	1436
101					776					7			6883

TABLE 11

1481E 12

		PERCENT	FREQUEN	CY VSRY	(NP)	87 HOUR		CUPULAT					PUCH YS.E	
HOUR (GMT)	<1/2	1/2(1	1<2	245	5(10	10•	TOTAL ORS	HOUR (SPI)	<150 <50YD	<600 <1	<1000 <5		NH <5/8 AND 5*	TOTAL CBS
00003	_ <b>.1</b>	•	.3	1.6	8.5	89.5	2024	00103	.5	2.9	12.2	17.3	70.5	1735
06209	. 1	• 1	• Z	1.9	11.4	66.2	2025	06609	. *	2.7	11.3	18.9	70.7	1533
12615	.2	.3	. 9	2.4	12.4	83.9	1961	12615	1.0	5.3	17.0	19.6	63.3	1593
14621	.2	•2	.5	1.4	9.6	88.2	2254	15023		3.6	13-1	19.1	67.8	1741
101	13	15	38	150	859	7139	6264	101	53	752		1229	4524	6642

TABLE 13

TABLE 1

				•		•														
	PERC	ENT FP	EQUENC	T OF R	ELATIV	E HU-11	DITY #	1 TEPP				PERC	ENT FR	ECUENC	Y OF W	1*D 01	RECTIO	N 34 E	[#P	
TEHP-F	0-29	30-3*	40-49	50-50	£C-69	70-79	80-89	90-100	TOTAL	PCI FREG		NE.	ε	SE	5	SL		44	VAR	CAL
90/94	.0	.0		.1	.5	. 1	. 1	.0	56	. 9	.1	.1	•2	. 1	.0		•	-2	.0	
85/69	.0	.0	.0	.1	2.3	6.6	1.5	. 3	708	10.6	1.1	1.2	2.1	. 0	.7		1.4	1.1	.0	1.0
80/64	.0	.0	.0		2.5	23.2	34.5	5.7	4357	66.3	6.2	7.2	10.1	5.9	4.7	6.2	10.4	7.1	.0	4.4
75/79	. 0								1404	21.4	1.2	1.4	2.3	1	2.1	5.0	5.2	1.5	.0	1.
70/74	.0	.0	.0	.0			- 1	.6	44	. ?	•	•	.2		. 1	.1	- 1	•	-0	
TOTAL		۵	1	29	344	2051	3043	1101	6569	100.0										
PCT	•0	•0	•		5.2	31.2		16.8			8.7	10-5	14.7	8.3	7.7	12.2	17.1	10.0	.0	11.

TABLE 15

	PEARS,	EXTREM	ES AND	PERCE	TILES	OF 15	108	6 F) t	4 HOUP		PEPC	ENT FRE	CUENCY	OF RELA	ITYE H	#10Itt	8Y HOUR	t
HQUR	PAX	111	452	SCI	Šŧ	12	#IN	PEAS	TOTAL	HOUR	C-24	30-59	6C-65	70-79	80-89	90-100	PEAN	TOTAL
tent :									085	(G+1)								CBS
00103	93	**	86	82	77	75	68	81.6	2035	COLOS	.0	• 2	5.7	35.9	46.1	12.2	81	1719
06609		45	4.	81	77	75	71	85-6	2073	06669	.0	•2	1.7	22.4	35.4	19.8	8.	1687
12615		85	8.3	80	76	74	70	ec.1	1988	12615	٠.	•2	1.7	71.5	52.2	24.5	85	1676
18621		91	46	83	77	15	69	83.1	2303	18621	.0	1.2	11.4	44.4	32.6	10.3	78	1774
TOT		2.0	86	81	77	75	68	11.4	A399	101		31	357	2135	3155	1123	- 82	6801

PERIOD: (PPIMARY) 1053-1079 (OVEP-ALL) 1872-1979

TAELE 17

AREA DOD9 GUATEMALA SW COAST
11.9N 91.DW
HOUT POECIPITATION;

PCI THER OF FIR TEMPERATURE LOEG F) AND THE OCCURPENCE OF FOR LEITHOUT PRECIPITAL	
	t ou
VS AIR-SEA TEMPERATURE DIFFERENCE (DEG F)	

ATR-SEA	65	4.9	73			85	69	>92	tot	¥	¥0
IPP DIF	83	72	76	60	24	8.6	92			FOG	FOG
17/19	.0	.0		.0	.0	.0		.c	1	.0	
14/16	.c	-0	.0	.0				.0	3	.0	
11/13	.0	.5	.0	.0		-1	- 1		12	.0	.2
9/10	.0	.0	.0		- 1	.1	• 3	•	26	.c	
7/6	.c	.0	.0	- 1	-1	. 3			6.6	·	
ė.	.0	.0	.0		. 1	. 3	. ?	.0	49		.7
į	·c	.0	. 5			. 9	. 2	.õ	116	÷ò	1.6
4	.0	٠.	•	. 1	1.1	1.2	.1	.0	182		2.5
3	.0	.0	.0	. 4	1.1	1.1	. 1	.0	107		2.7
2	.0			. 5		1.9	- 1	.õ	436		6.0
1	.0	.0	- 1	. 6	4.2	1.8	. 7	•0	495	•	6.4
č	.0	.0	. i	2.6	8.6	1.3	.ć	.č	931	.1	12.8
-1	.0	.0	. i	3.4	9.7	.5	.č	.5	989	.;	13.5
- 2	.0	•		5.7	0.4		.0	.c	1143	٠:	15.7
- 3	.0	.0	.1	4.9		.1	.0	.č	822		11.3
	.0	.0		5.2	4.2		-0	.č	721	•	7.9
- 5		•	. 5	3.4	2.4		·č	.c	470	·	6.5
-5	.0	·c	, é	2.3	. 8	•	.è	.č	266	•	3.6
-7/-8	.č		. 7	2.0		-0		.0	235	45	3.2
-9/-10	.0	•			. 1	.0	7.	.c	64	.5	7.0
-11/-13	•			. 1	`:	.0	·		23	č	. 3
-147-16	٠.	•			.0		-6	.ŏ	- 1	. è	•
TOTAL	ī		256	•••	3620	•••	* 0	••	•	24	7228
,	-	9		2341	****	730		6	7252	2-	1220
571				****					1276		

PEPIOD: (GYEF-ALL) 1953-1976

TAPLE 16

								INCLE 10						
				PC	I FPEC C	F WIND	SPEED	ERTS ) AND DIRE	C110N V	ERSUS S	E# HE19	HIS (FT)	)	
											*£			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCI	1-3	4-10	11-21	22-33	34-47	484	PCT
<1	1.1	1.5	.0	.0	.0	.0	2.7	• 7	1.9	.c	.0	.0	.0	2.6
1-5	. 6	2.7		·c		. 0	3.4	.2	4.1	.6				4.9
3	•	1.2	• 3	.0	٠ċ	. • D	1.6	• 1	1.5	1.4		•0	.0	2.9
5-5		.4	.2	.0	.0	.0	.5	.c	. 3	. 9		ž.		1.2
7	.0	- 1	- 1	ě	.0	.0	• 2	.0	-	. 1		.ē		
5-9	.c	.c	.0	. 0	.3	.c	.0		.0	. 1		.0	.ē	::
10-11	•0	.0	.0	-0	.0	.0	.0	•0	.0		.0	.0	-0	.0
12	.0	.0	.c	.0	.0	.0	.0	.0	.0	·c	.0	.c	.0	.0
13-14	-0	-0	.0	•0	.0	.0	٠0	.0	•0	.0	.0	, č	.0	.0
17-19	•0	٠.	.5	.0		.0	.0	.0	.0	-5	.0	• 0	.0	.0
20-22	+0	.0	•0	.0	• 5	.c	.0	٠.	.0		•0		.0	.0
23-25	•0	.0	.0	.0	• 2	.0	.0	.0	.0	.0			.0	.0
26-32	• 0	.3	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	•0	-0
33-40	٠.	.0	٠C	•0	.¢	.0	.0	.0	.0	.0	•0	-0	-0	.0
41-44	•0	+0	.0	.0	.0	.0	.0	٠.	.0	.0	.0	. ^	.0	.0
49-60	•0	.6	.0	.0	٠.	.0	.0	•0	.0	.0	.0	.0	.0	.0
61-70	.0	-0	2.	.0	.0	.0	.0	•0	.c	.0	.0		.5	.0
71-86	-0	.0	•¢	.0	.0	.0	• 0	•0	.0	.0	.0	.0	.0	.0
£7+	٠.	.0	.0	.0	• 0	.0	.0	.0	.0	.0	.5	.0	.0	.0
tot PCT	1.6	5.9	.0	•	.0	.0	8.6	1.0	7.8	3.0	.1	.0	.0	11.9
				£							\$E			
HĢT	1-3	10	11-21	22-33	34-47	***	PCI	1-3	4-10	11-21	22-33	34-47	48.	PCT
<1	.6	1.0	• 1	.0	. 5	.0	2.4	-3	- 6	•0	•0	•0	•0	.8
1-5		**1	• 7	.0	-9	.0	5.3	.3	3.2	.5	•0	- 2	-0	4.0
3	• 1	1.8	1.7	.0	.0	•C	3.6	.0	1.4		- 1	•0	•0	2.3
5-6	• 1		1.4	•0	•0	٠.0	2.0	•	.4	• 6	•	.0	-0	1.0
.,,	.0	•	.3	•	.0	۰.	. *	.0	.0	-1	-0	.0	.0	.1
8-9	•0	-0	•	٠.	•0	•0	•	•0	.0	•0	-0	.c	.0	.0
10-11	•0	• C	- 1	- 1	•0	.0	. 1	-0	.0	.0	-1	- 1	.0	-1
12	٦.	٥.	.0	•0	• 6	+0	.0	•0	.0	.0	.c	.0	•0	.0
13-16	•0	.0	• 12	•0	• 0	.0	.0	.0	.0	٦.	•0	•9	.0	.0
17-19	•0	.0	• 0	.0	• 5	.0	.0	•0	.0	.0	•0	.0	.0	.0
20-22	.c	•€	•0	.0	• 5	٠.0	.0	.0	.0	•0	.0	.0	-0	.0
23-25	•0	.0	• 0	•0	.0	.0	.0	-8	.0	• 0	.0	2.	-0	.0
26-32	-0	٠.	. C	. 6	. 0	.0	•0	•0	•0	•€	.0	-0	.0	.6
33-40	.0	•0	•0	٤.	. :	•0	.0	.0	-0	.с	.0	.0	• 5	.0
-16	-0	3.	•0	•0	• 0	.0	.0	•0	•0	•0	.0	.0	-0	.0
49-60	•0	•0	•0	.0	. 0	.c	٠.0	.0	.0	-5	.0	•0	.0	-0
61-70	•0	•0	٠.	.0	• 5	.0	.0	•0	.0	.0	.0	.0	-0	.0
71-86	•0	٠.	٥.	•0	. 3	٠0	•0	.0	.0	.0	.0		-0	.0
e7+	.0	٠.	• 0	.0	. 9	.0	.0	.0	•0	•6	-0	.0	.0	.9
101 PCI	1.2	ă.2	•.•	-1	٠.	.c	13.9		5.6	2.0	-1	. 1	.0	8.4

PERIOD:	(OVE	R-ALL)	1963-1	979					OCTORER				APFA	2009	GUATER	ALA SU CCEST
								INGLE	18 (CCN1)					11.	91, 91	.01
				PC	T FFEC O	F =140	SPEED	(KTS)	AND DIPEC	1104 V	EPSUS S	EA HEIC	NIS (FI	1		
HGT	1+3	*-10	11-21	S 22-33	34-47	44.	961		1-3	4-1C	11-21	22-33	34-47	44.	PC1	
<1	.,7	, ē	- 9	.5		.0	1.6			1.0			2.0	.0	1.4	
1-2	.5	2.2	. 3	•0	.0	. 0	3.0		. 3	3.9	. ;			.0	5.0	
3-4	. 1	1.4	-6	•0	.0	.0	2.1		-0	1.6	2.1	.1	.0	. C	3.5	
5-6	*	.1	٠,	- 1	•0	.0	.5		•	. 3	. 5	. 1	•6	.0	1.4	
. 7	.0	. 1	:	•0	.0	.0	• 2		.0	- 2	. 4	• 2	•0	.0	. 8	
8-9	٥.	•6	•č	.0		٥.	.0		*5	-5	.2	-1	+ 1	•0	• 3	
10-11 12	.5	0.	9.	.0	.c	.0	.0		•0	.9	.2	- 3	٠C	٠.	• 2	
13-16		.0	.0	•0	.0	.0	.0		.0	-0	3.	.0	•6	-0	.0	
17-19		.¢	·:	.0	.5	.6			.0	•0	3.	.0	9.	.0	.0	
20-22	1.5	:3	ĵ.	.0	.5		.0		::	-5		.0	.0	.5	.0	
23-25		.č								č	. 0	č	2.			
26-32	. č	.č	.0	.0		3.	.0		::	.0	3.				.ŏ	
33-40	.0	.0	.6	.0	. 0	.0			.č	.0		.5	.ĉ	.š	.0	
41-48	.0	-0	•6	40	. 0	.c	.0		.0		.c	.0	.0	.0	.0	
*9-60	-0	.0	•6	40		.0	. 0		.0	٠.5	9.0	.0	•0	.5	.0	
61-70	•0	.0	• 0	.0	. ၁	.0	.0		-0	•0	.0	.0	.0	.0	.0	
71-86	-0	.0	-0	.0	•0	.0	.0		.0	٠0	.0	-0	.0	.0	.0	
87+	.0	-0	•0	.0	. 3	.0	٠.		.0	-9	•¢	.0	.0	.0	.0	
TOT PCT	1.4	4.8	1-1	-1	••	.0	7.4		.7	7.0	4.5	•6	-1	.0	12.4	
																TOTAL
HGT	1-3	4-10	11-21	27-33	34-47	48*	PCI		1-3	4-15	11-21	22-33	34-47	44.	PET	PCT
<1	.3	1.4	• 2	.0	.c	.0	1.9		.7	1.7	• 1	40	3.	.0	2.5	
1-2		5.3	1.2	.0	.0	٠.0	7.2		-5	2.6	.7	٠٥.	.с	.¢	3.7	
3-4 5-6	٠z	7.6	2.6	.0	•0	٠.	5.4		•	.9	• 7	٠.		•0	1.6	
770	.0	ه.	1.8	. 1	.0	.0	2.5		-1	•2	• •	٠,	• • • •	٠.	48	
8-9	.0	::	· č	::	:5	.0	.0		.0	.0	-3 -0	.5	٠.	.0	•3	
10-11		.0	- 3		.č	ž			.p		• • •		.0		• 6	
12	.0	.0	.0								9.0				•0	
13-16	.0	.0	-0	.0	. 5	ě				• •	·ĉ			.5	.5	
17-19	.0	.0	•0	.c		.0	.0		.č		.0	.0	7.		.0	
20+22	-0	٠.6	.0	.0	.0	.c	.0		.c	-0	.0	.0		.0	.9	
23-25	.0	•0	.0	.0	.3	٠.	.0		.0	.0	•€	.0	.0	.0	-0	
26-32	.0	•0	•0	.0	٠.	٠٥	•0		.0	• 0	.0	.0	.c	.0	.0	
33-40	-0	• 0	•6	.0	-0	•0	.0		•0	•0	• 0	.0	• 0	.0	•0	
41-42	•0	.c	-0	.0	٠٥.	•0	-0		•¢	٠.	.0	.0	.c	•0	. 0	
49-60	-0	-0	•0	•0	•0	.3	.0		٠.	-5	٦.	•0	٠.٢	٥.	•0	
61-7C 71-86	-0	٠č	•0	2.	٠.	.0	.0		.0	-0	٠c	٠.	2.	•0	•0	
87.	9.	.0	3. 3.	.0	9.	.0	.0		9.	•5	2,	•5	٠.	-5	٠0	
TOT PCT	1.1	10.2	6.5		.5	•0	18.0		1.3	-C	2.4	.0	.0	đ.	9.0	90.1
	•••		~.3	••	••	••	1914		1		2.4	•	••	-5	7.0	

	¥1%0	SPEED	(KIS)	VS SEA	HEIGHT	(FT)		
HET	0-3	4-10	11-21	22-33	34-47	48+	PCI	101
(1	15.7	10.5		.0	.0	.0	26.7	062
1-2	4.0	27.8	4.5				36.6	
3-4	• 7	12.C	4.9		.6		22.7	
5-6	. 3	2.7	6.3	. 3		.0	9.6	
7	.0	.6	1,9		.5			
8-9	.0	· e	. 3		.1	.ŏ		
10-11		•6				ã.		
12	.0	.5	.0		.c	.0	.0	
13-14	.0	.0	i.č		,č		.0	
17-16	.0	•0	. 0				.5	
20-27		.5	.0	.č		.č	.0	
23-25	.5	.0	.0			.č	.e	
26-32		.0	.0	ič.		.č	.0	
33-4C	.0				.č	.0		
-1	ž.	.5		.0		.č	.5	
49-60	.0			.0		ě.		
£1-7C				.5		3.		
71-85	.6						3.	
62+	.0			ě	ě			
•••	•••		•••	•	••			1619

PEPICO: (PPIMARY) 1553-1079 (OVER-ALL) 1878-1979

TABLE 1

AREA DOOP SUATEMALA SW COAST

PERCENT FREQUENCY OF MEATHER OCCURRENCE BY MIND DIRECTION

				occipi	14110	* 1176					CTHER	WESTHER	PHENG	MENA	
FVC OIL	PAIN	PAIN	DRZL	FRZG FCF4	SAOL	OTHER FRZN PCPN	HAIL	PCPA AT CR TIME	PCPN PAST	thop Ling	FOG WO PCPA	FOC BO PCPN PAST HP	H#SE SMOKE	SPRAY BLWG DUST BLWG SNOW	
A.	. 6	. 0	• 1	.0	.0	.0	.0	1.5	.7	2.4	-1	.0	•2	.0	95.1
۸E	. 7		• 2	.0	.0	.0	.0	1.4	1.4	1.7	.1	.0		.;	94.7
ξ	. 4	1.5	. 3	٠.	.0	·c	.0	2.5	2.2	2.1	.1	.0		.1	92.6
s٤	1.2	1.6	. 3	.:	.0	.0	-0	3.1	2.2	3.4		.0	.5	.0	90.6
\$	1.7	. 9	1.5	.0	.0	.0	٠.	4.1	3.7	4.2	• 2	.0		.0	87.4
5.	4.6	1.6	1.9	.:	.0	.0	. 6	7.4	3.6	1.9	.5				86.0
	4.5	1.1	1.5	-0	.с	.0	•0	6.6	3.3	2.2	. 3	•0		.0	87.5
N. W.	1.5	. 5	.:	.0	.0	.0	٠.	2.2	1.4	1.9	.2	:6	.,		93.6
VAR	.0	.5		.0	.0	٠Ĉ	٠.	2.	.0	.0			.0		
CAL	- 2	•2	-1	.0	.0	.0	.0	. 6	. 7	2.6	.c	.0	1.6	::	14.2
TOT FCT TLT GBS:	1.3	.•	••	٠.	.0	.0	.c	2.5	1.7	2 . 3	•1	.0	.6	-1	92.4

TABLE >

PERCENT PREQUENCY OF MEATHER OCCUPRENCE BY HOUR

			Ē	PRECIPI	14130	TYPE					01H[R	MEATHER	PHENC	HENA	
+06P	RAIN	PAIN Sher	EKZL	FRZŞ PCPN	5N0.	OTHER FRZN PCPN	PAIL	PCPA AT OB TIPE	PCPN PAST HOUR	IHDR LING	FOS NO FCPN	FOG NO PCFY PAST HR	SPOKE HAZĒ	SPRAY BLUG DUST BLUG SNOW	
C3E03 C6E09 12E15 18E21	. 9 1 . 6 1 . 4	.5 .6 1.3 1.0	.3	.o .o	.0	.0	.0 .0	1.7 1.7 3.7 2.6	1.0 1.0 3.7 1.6	1.0 5.5 2.4	.1 .2 .2		.1 1.1 .7	.2 .1 .1	95.9 90.5 89.8 95.0
101 PC1	1.3	. 9		.0	.0	٠.	.0	2.5	1-7	2.3	• 2	•0	•5	-1	92.8

TABLE 3

PERCENTAGE FREQUENCY OF SIND DIRECTION BY SPEED AND BY HOUR

.NO DIR	2-1			22-32 22-32		48+	TCTAL CPS	PCT FREC	PEAN SPD	00	03	۵۴	Ĉ.↓ HC∩D	(GMT)	15	18	21
٧.	3.2	11.5	2:0	.1	.0	.0		16.7	6.7	11.9	15.5	14.6	21.0	21.9	22.1	17.1	14-1
٠.(	2.5	12.5	5.4	. 2	.c	.0		21.0	6.6	18.3						25.8	
Ł	2.1	10.3	4.4	. 3	•			17.1	£.9	19.9	10.5			15.5			
SE	1.0	3.0	. 9	. 1	.0	. c		5.6	7.5	7.7	3.2		2.5		2.3		
5		1.5		.5		٠.		3.0	6.9	4.3	5.6	3.1	1.9	1.4	2.8	2.9	
54	. 7	2.6	- 8	. 1	•			4.1	7.9	5.0	3.9	•.3	5.0	2.7	5.8	3.4	4.3
-	1.5	5.5	1.1		.0			8.2	7.4	10.6	6.5		8.6	7.6	4.6	6.9	8.0
A.b	2.1	4.7	1.3	. 1	.0	.0		12.2	6.8	11.2			10.1	13.3			
Y P R	.0	•C	• • •		.0	. 5				3.							
CALM	12.0				_			12.0		10.0	17.6	20.0		10.9	9.2	6.0	9.0
101 085	2011	4476	1290	7=	2	C	7873		6.9	1737	192		181	1674	206	1900	
101 PCT	25.5	57.2	16.4		:			100.0				100.0					

TABLE 3A

		LIND	SPEED	INVCTS1						HCU	tent:	,
are tip	0-6	7-16	17-27	28-40	41.	TOTAL	PCT	-CAL	50	06	12	18
						095	FREQ	SPD	6.2	09	15	21
	9.7			•	.c		14.7	6.7	12.2	15-1	21.9	17.4
48	E.7	10.6	1.4	•	.0		21.0	6.6	18.0	17.5	22.7	25.3
£	4.7	9.0	1.5				17.1	8.9	19.9	13.5	15.5	17.6
SE	3.5	2.6	• 2	.c	.0		5.0	7.5	7.4	6.9	3.9	5.5
5	1.7	1.1	• 1		•0		3.:	6.9	4.4	3.0	1.6	2.9
Št	7.3	1.6	.2		.0		• 1	7.9	5.7		3.0	3.4
¥	4.6	3.3			::		1.2	7.4	10.5	1.3	7.2	7-0
946	7.0	4.9	.2	•			12.2	6.6	11.3	12.3	13.3	11.4
+ 1 D		.0	3.				****				13.3	
CAL	12.0	•••	•••	••	••							-0
101 085	4381	3126	352	12	0	7473	15-0	0	10.6	14.5	10.7	7.1
TOT PCT	35.6					1-13		4.9		5014	1880	5100
	22.0	39.7	4.5	. 7	-0		100.0		100.0	100.0	100.0	100.0

NOVEMBER

PERIOD: (PRIMARY) 1953-1979 (CVER-ALL) 1678-1979

TAPLE 4

SPE4 DDD9 GUATEMALA SE COSST

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR IGHT)

				VIND	SPEED 6	PAGISE			PCI	ICTA.
HOUR	CALM	1-3	4-10	11-21	22-33	34-47		-[14	FREC	0 t S
00603	10.6	12.6	60.6	15.3	.6	.0	٠.	6.8	100.0	1679
93330	19.5	15.0	53.7	10.9	. 9	•	.0	5.6	110.0	2014
12615	10.7	13.1	58.5	19.5	. •	.с	. 5	6.9	100.0	1980
18621	7.1	13.2	56.0	22.3	1.3	•	٠.	7.9	100.0	2160
101	943	1044	4496	1290	74	7	2	6.9		7973
PCI	12.0	13.6	47.1	16.4	. 0	-			100.0	

TABLE 5

TAPLE 6

•	CT FRE			CLOUD A		(61841451							CE1L14 5# 55/					
WNO DIR	0-5	3-•	5-7	8 £	TOTAL	COAE CFOND LEYN	(CD	150 299	300 599	600	1000	3#9 <b>4</b>	3500	5000 6499	65C0 7999	<b>8000</b> -	44 (5/# 144 #51	
	8.0	3.9	3.4	-8		3.0	•	•	.1	.5	.6		.1		.0	•	14.4	
N.E	10.3	4.6	4.6	1.0		3.0	.1	•	. i	. 6		. 6	. 2	-1	•		13-1	
E	7.3	4.6	4.7	1.3		3.4	•	.1	. i		1.0	. 3	. i		. 1		15.4	
SE	2.1	1.6	1.7	.7		3.8	•		•	. 3	. 2	.2	- 1			.0	5.0	
\$	. 9	. 6	1.0	.5		4.4	•	-5	. 1	• 3		- 1	•		.0	.0	7+2	
S¥	1.0	1.2	1.3			4.6		•	•		. 6	. 2				.0	2.5	
	2.7	1.9	2.2	1.7		4.0	- 1			.5		.2	. 1	.0	.0		6.2	
A.W	5.6	2.6	2.4			3.2	•	- 1	• 2	. 5			. 1		•		10.2	
YAR			0	.0		.0	.0	-0		5.	. 0			.0	.0	.5		
CALP		2.5	2.7			2.6		•	• 1	. 3	. 5			.1			10.6	
TOT OBS	2686	1923	1452	456	+017	3.3	22	19	9.2	247	148	141	5.3	20	11	13	5101	6017
701 PCT	54.4	27.4	24 1		100.0			٠,							- ;		4. 4	100.0

11816 7

CUPULATIVE	PCT	FREC	OF	SIMULTANECUS	OCCURRENCE

						VSET IN	-1			
	- 61	Elling	# CR	33 2	2 CF	= 08	2 OF	2 59	: CP	: CR
	11	EETI	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
=	CR	>6500	.*			,.		. 4	.4	
:	ÇR	>5000	.7	.7	.7	.7	.7	.7	.7	.7
=	CR	>3500	1.6	1.6	1.6	2.6	1.6	1.4	1.6	1.6
7	CR	>2600	3.6	3.9	4.0	4.0	4.0	4.0	4.0	4.0
ŧ	QR	>1500	8.5	7.4	7.6	7.6	9.6	9.7	9.7	9.7
:	ÇE	>600	11.7	13.3	13.6	13.7	13.7	13.7	13.7	13.7
:	CR	>360	12.2	10.0	14.4	14.4	14.4	14.5	14.5	14.5
=	Ç₽	>150	12.4	14.3	14.7	14.7	14.7	14.2	14.6	14.8
Ξ	OR	> à	12.6	19.6	15.0	15.1	15.1	15.1	15.2	15-2
		*****		- ^ ^ -						

TOTAL NUMBER OF CES: 6199

PCT FPED NH 45/P: 84.6

TABLE 7A

PERCENTAGE FRED OF LOW CLOUDS (EIGHTHS)

1074L C 1 2 3 4 5 6 7 6 085CD 085

MOVEMBER

erico:	(CAEM-1FF) 1	953-1979 878-1979						145	ite e				A°E.	0009	6UA 11.94	TEMALA S 40.44	72403 ¥
			P	ÇRÇENT	FPLQ C	F WING	n1960	TICK V	IS DEC	URPENCE SLUES (	OP N	0%-0CC	URPENC T	E OF			
	¥587 (NH)		4	۸E	£	sř	5	54	¥	¥.E	ATA	CAL	PCI	TOTAL			
	(78)			_	.0				-0	•	٦.	.0	- :				
		PCP	.ç	•		. c	.0	-0			. 0	.0	•				
	<1/2		٠,	•	•0	• • •	• • •		9.			.0	. 1				
		101 3	٥.	•	••	.0	•	•	• • •	•	••		• • •				
					_					•	.c	.0					
		PCP	•	•	٠.	٠,5	.0	.0	40	٦.	ů.	.0					
	1/2<1	NO PCP	.0	• 0	•0		••	••	••	•:			• 1				
		101 1	•	•	•0	•	.0	•6	•	•	• •	••	••				
			_		_		2					.0	. 1				
		PCP	.0	•		-	.a .a			•0	٥.	9.					
	1<2	NO PCP	.0	• 0	•0	•0	• • •	.0		• •			- 1				
		TOT 1	2.	•	•	•	-3	•	•	•	••	•••	••				
				_	_	_					• 0	.0					
		PCP	•	•	•	•			-:	• 3	3.		. 3				
	245	NO PCP	•	- 1	-1	•	:	.1	.1	.;			. 7				
		101 2	- 1	- 1	•1	•	•	41	• 1	• • •	••	•	• • •				
					_			.1	.2	• 2	.0	•€	. 9				
		PCP	• 1	- 1	• 2	-1		• • • • • • • • • • • • • • • • • • • •			.0	• 3					
	5<10	NO PEP	.5		1.0	-2	•2	.2	.5			.3					
		101 1	.5	. 9	1.2	. 3	-2	.3		4.6		• • •					
					.2	-1	. 1	- 1	•2	•	.0	•1	1.0				
		PCS	1	1			2.6	3.5	7.1	11.4	.0	1141	92.9				
	12+	NO PEP	15.4	14.1		5.5	2.3			11.4	5.	11.7	93.9				
		101 1	15.4	10.5	16.3	5.6	2.7	3.6	7-3	11.4	• • •		****				
														721	1		
		101 085										11.5	160.0				
		TOT PCT	16.5	25.4	17.6	4.0	3.0	4.1	4.3	44.1	•1.	,					
		101 PC1	16.5	25.4	17.6	4.0	3.0	4-1	4.3	17.1	.0	11.5	168.7				

. . . . .

							ITOFE .	•					
				ERCENT	FREC :	CF WIN	D DIRE	CTICK OF VI	VS blu SIRILI	D SPEI	to	•	
¥557	500	*	NE.	£	SE	s	St		Nb.	*4	CALF	PCT	TOTAL
[44]	K75	•	•	-		•							585
140	0-3	.0	.0	.0	.0	.0	.0	.c	•	-0	•0	•	
<1/2	9-10			•	-0	•0	•	•	•	-0		-1	
	11-21	.c	•	.0	.5	•	.0	.0	•	-0		-1	
	22.	.0	•	2.	-5	-5	•	.0	•0	•0	_	:	
	101 2	•	•	•	-0	-	•	٠	•	•¢	٠.	•5	
	0+3		.0	.0	.0	.0	-0	.c	-0	.0		•	
1/2(1	4-10	.0	.0	3.	•	-c	-5	.0	-0	٠.		•	
*****	11-21	.5	•	-6	-5	.0	-0	•	•	•0		•	
	27.		.0	"Ĉ	.5	.0	-0	.0	-0	.0		٦.	
	tet a	•		.t	•	-0	-6	•	•	.0	.0	-1	
	0-1	.c	٠.	.6	.0	.0		.5	.0	*0	.0	.0	
1<2	4-10		ě.		•	.0	• 5	•	•	•0		. 1	
112	11-21		•	•		.6	.0	•	•	.0		.1	
	22*	.0	.0		.0	-0	•	.0	.C	.0		•	
	TOT 2	.5	•	•	•	٠.	•	•	•	•6	.c	.1	
	0-5			.0	.0		•	•	-1	-0	•	.2	
2<5	4-1C	.1	-1	•			•	- 1	-1	.0		•	
213	11-71	•	•	-1	•		•	•	•	3.		.2	
	22.	.0	.5	.č	.0	•c	.5	•	.0	.0		•	
	101 2	.;		.3	•	•	-1	.2	•2	.0	•	. •	
	C-3	.1	.2	,1	-1		. 1	-1	- 2	.0	43	1.0	
5<10	4-10					-1	.1	- 3		.0		2.4	
2410	11-21	.;	.;	.3		•	•1	.2	-1	.0		1.2	
	22.	::	•			.5		•	•	-0		- 2	
	161 1.	.,	. •	1.1	+3	. 2	-3	.7		.0	-3	4.5	
	0-3	3.3	2.3	1.7	.9		.5	1.3	3.4	.0	11.5	24.0	
10+	9-10	11.0	12.3	1.6	3-7	1.7	2.4	5.0	4.2	.0		54.0	
100	11-21	1.*	3.1	4.1			.7	. 1	1.2	.0		15.0	
	22.	•••	7,2		•	.0	• 1	-1	•	.0			
	ici s	16.0	19.0	15.5	5.5	2.7	3.7	7.3	11.0	.0	11.5	93.8	
	1CT 493												7589
	101 001	16.6	\$2.4	17.3	5.9	2.*	4.1	4.2	12.2	.0	11.4	100.0	

NOVEPEER

PERIOD: (PPIMARY) 1653-1976 (OVER-ALL) 1478-1979

TAPLE 10

AREA CODS GUATERALA SU COAST

PERCEAT	FREGUENCY	Q.F	CEILING	HF IGHTS	IFEFT.XH	24/81 44	2

40L2 {C*1}	144 200										1014L	NH <5/4 ANT HST	
00603	.=		.5	Z-8	5.3	1.6	.9	.5	-1	٠ź	12.4	87.6	1654
04654	.3	.3	.5	3-1	4.2	1.9	.6	.5	-2	.2	11.4	44.4	1589
12615	.7	.2	1.0	5.5	6.7	3.1	1-1	.3	.2	.3	19.6	e1.0	1574
14421	.5	.5	.4	4-2	5.7	5.4	.9	-1	.2	.1	15.6	24.4	1640
101 PE1	23	21	• •	253	354	248	56	22	11	13	545 14.6	5515 85.4	6461 100.0

TABLE 11

- TABLE 12

		PERCENT	FACQUE	C7 458	Y 15-1	AT HOUS	•	COMOLAT					3.87 HOLD	
HOUR	(1/2	1/2<1	1<2	245	5(12	10+	TGTPL	M0UR (G#1)	<150 <50¥\$	<600 <1	<1000 <5		MH 45/8 AND 5+	TOTAL 083
CCEDS	.3	.5	+1	.4	2.0	54.8	1494	CSEO3	• 1	1-1	4.5		86.8	1595
06639	-1	•	-1		5.5	\$3.6	2022	Celco	•3	1.1		7.4	87.5	1514
12615	.3	-2	•2	1.5	5.5	92.4	1457	12615		2-1	8.3	11-6	80.1	1514
10021	•2	•	-2	.7	4.5	**.*	2032	10621	•5	1.4	7.0	4.5	#3-5	1574
101	17	5	11	70	343	7354		101	25	95	363	580	5230	4174

TAPLE 13

TABLE 15

	****	Ewi Fo	EGUENC	7 QF 3	ELATIV	E #0=1		7 1500				PE41	EST FO	ERUENC	7 CF W	140 DI	<b>4</b> 66116	1	[=}	
TERP F	C-29	30-3*	40-49	50-50	40-69	70-74	<b>#0-49</b>	+2-100	ictal cess	PCT FREG	ھ	**	ε	58	5	34	•	NE	414	CALM
15/11	-8	.0			.0	.0	·¢	.0	3	•	ء.		.0	.0	•	.c		-0	.0	.0
90/94	•8	.0	.0	•2	7	. 3	• 1	-	7.6	1.3		-2	- 43	.1	-0		-1	•2	.0	
85/89	.0				3.3	6-1		- 3	4.63	11-Z	1.6	2.1	2.5	.,				1.0	.0	1.1
80/64	.0	.0			7.0	31.0	29.2	4.6	4426	72.4	12-1	15.4	13.0	* * . 2	1.9	2.4	5.5	8.6	.0	9.1
75/79	4D	.0		.5	. 3	2.2	7.5	5.0	514	15-0	2.3	2.9	2.2	1.0		1.1	1.9	1.4	.c	1.4
70/74	• E		.c	٠.		.0	.0	- 1		-1	•		•	•	•	•	.0		.5	•
45/49	-5	.0	.0	.0	.5	•	.0	.0	1	•	.0	.0		.6	.0	-0	- 0	.0	.0	.0
TOTAL	Ε	2			44.	2418	2325	412	4113	100.0										
PCT	٠.	•0	-1	1.1	11.3	39-6	38.0	10.0			16-6	3C-F	17.4	4.0	2.8	4.0	4.3	12-1	.0	11.7

TAPLE IS

148LE 16

~									
HQUE (GHT)	***	992	452	501	52	11	*12	PEAN	TOTAL
66153	45	3.0	16	87	76	74	73	*1.7	1935
CALCT	40	2.0	14	81	75	76	70	80.4	2593
12615	54	85	83	= 1	77	75		40-6	1919
14121	45	92	49	43	79	74	73	63-6	7127
761	*5	*0	46	82	78	76	4.9	41-4	P074

*CUT	0-24	30-5+	\$E-69	70-79	20-89	40-100	PEAN	TOTAL
00603	-6	1.7	12.4	43-2	33.7	9.1	78	1598
93340	.0	-5	6.3	37.0	**.1	12-1	43	1640
12615	٠.	.5	5.4	33-1	47.6	13.3	01	1531
16621	.0	2.4	20-1	45.8	26.3	5.4	76	1562
101	2	72	707	2520	2404	433	79	4331

PCT FAIR OF 220 IEPPERPILEE LOPG F3 AND THE OCCUPACING OF FOG (WITHOUT PRECIPITATIONS WS AIR-SFE TEMPERATURE DIFFERENCE LOGS F)

	,		>-	. ALF-		-1 01	,		• • •		
4 1R-5E4	65	69	. 3	77	61	65	89	>92	101		40
1-5 DIF	68	72	72	8C	8.5	58	92			Fre	FOS
17/19		٠.0	.:	.c	.0	.5		.5	1	.c	•
19/16	ž.	.ē		.0			•	.0	7	٠.	-1-
11/13	.5	.č		٠.	-1	. 1	- 3	.1	24	.0	
4/13	.ŏ				. 1	. 2			45	.5	.7
7/8		.0	.č	.1	.2			•	40	. 2	1.2
		-0	.0	-:	. 3	- 35	. 4	.0	78	.:	1.:
•	.0	:5	.5		.é		-2	i.c	133	÷.	2.0
•	٠.			.2	1.6	1.3		70	222		3.3
	.c	.0		::	1.5	1.2			218		3.2
3	.0	•-	.2	:;	1	1.6	**	::	454		6.7
2	-5	-0			5.7	1.4		.0	571	3.	1.4
i C	.0	٠.	•5	1.2			:		1313	•••	16.3
E	.c	-0	- 1	3.3	11.	1-1		:5	946		13.0
- 1	.0	.0	. 1	3.6	9.6	-7	3.		1047	.1	15.3
-2	.0	-0	-1	5.5		-1	•6	•=			
-3	.5	.5	•	*.C	5.3	.2	.0	-0	443	•	• • •
	.0		.2		2.7	•	.0	.0	527	٠.	7.6
-5	.0	.c	-2	2.7	2.2		-5	.e	344	•	5.0
	.c	.ç	.2	1.6		•	.0	.0	176	٥.	2.6
-7/-A	.0	-0	• 3	1.1	5		٠.	.0	125	•0	1.5
-6/-10	•	.5	-2		. 2	-0	.5	-0	25	-¢	
-11/-13		•	• 1		- 1	-0	٠.	-5	13	.=	-2
-14/-16	.š		- 2		.0	-0	.5	.0	1	•:	•
1014	- 7		•		3973		128			11	6788
10:12	•	1		1925		646		10	£796		
		:						. 1	100.0		49.6

MEGICO: 13458-MLF1 1463-1436

TAPLE 18

				₽5	: Feto C	F 1140	SPEET C	ETS) AND DIR	(CIION Y	E#SUS S	ET METER	412 (F1)		
					•						40			
				22-33	37	41-	PCI	1-3	4-13	11-21	22-33	34-47		PCI
H61	1-3	*-10	11-21	********			4.1	.,	2.2		.0	٦.	.0	3.2
41	1.1	3.0	1.5	::	.5	Ξ.	7.9		6.2	1-2	-5	٠.	-6	10.3
1-2 3-4	1.0	2.4	1.7	::	::	.5	3.3	.2	3.2	2-5	-0	-=	.0	5.4
5-6	.1	4:0		.5	:=		.7	-0	. 7	1.7	-1	.6	.0	2.0
7	ä	::	::	::	:5		.3	.c	-1	.5	-1	-c	-0	- •
s-•	ë	::			.5		.c	-c	-0	-1	-c	.0	٠.	-1
10-11		.5	.5	-6	::	.0	.c	3.	.0	-1	.0	-0	.0	-1
12			3.				.0	.0		.0	.0	٠.	.0	.0
13-16	.5	ä.			.3		.0	.0		-1	•	7.	.0	-1
17-16	.0			-0	.=		-0	.0	.0		.5	•8	-0	-0
20-22	- 5	-0	.0			-0	-0	.0		-c	٠.	•5	-0	.e
23-25		.5		.0	. 9	.c	-3	.=	.0	.0	-0	*C	-0	
26-32	. 2		٠.	.0		.0	.3	-0		.:	-с	٠.	-0	.c
33-46			.0	-0	.5	.5	.0	•0	-0	3.	.0		.0	
41-48	.c	.0		-3		.5	.0	.0		٦.	•0	•0		.5
30-54	-0	٠.	2.	.0	.5	.ć	.0	.0		-5	.0	.0	.c	.5
61-75	-6	-3	.5	+3	.9	.0	.0	-0		÷.	.0	9.		:0
71-86	.5	-6	.r	.0	.0	.=	.3	٠.		3.	.0	.0	.0	
£7+		.0	٠.	.0	.c	-=	٠.	-6		5.7	.2			21.4
TOT PCT	2-3	17.3	5.5	-0	.:	.0	16-3	2+1	14.4	5.7	••	••		****
				£							SE			
#CT	1-3	4-10	11-21	27-33	34-47	*4*	PCT	1-3	4-10	11-21	22-33	34-47	***	PCI
<1	1-3	2.2				.c	3.0	-3	1.0	-c	.0	•6	-0	1.3
1-2	- 5	7.3	1.3		iē.	.0		-2		-2	.0		-0	1.4
		3.5	2.4	-1		-0	5.5	-1		• 3	-1	٠.	.0	1.4
5-4		•3	1.4	- 2		-0	1.5	-5			-0	-6	.0	-5
´,'		.1	. 3	• • • •	-0		.5	•		.1	.c		.2	:1
2-4	.0	• 1	-1	-1	.c	٦.	-3	• •	c		.0	-c	 C.	:5
10-11	.5		-1	.c	-=	.5	-1	•6		•£	.0	2.	-0	
12	.0	-ĉ	.0	.0	.5		.0	-5		-0	.0	.c		:5
13-14	• 2	.0	-c	-1		٦.	.0	• 5		-0			.0	-0
17-19	- 2	-0		.5		.¢	.0	-6		.0	.5		:5	
20-22	.=	.5	.0	. 5	.t	.0	.0	-9	3. 3	.c	.5			• • •
23-25	.0	.0	.0			-0	.5	• •		3.		.c		.0
26-32	-0	.£		-0		.c	-=	• 5				.5	:5	
33-40		-6				٠.	٥.	•1						
-1	•¢	-0	.0		٠.٢	-5	.0	•1 •1				::	.5	.5
49-50	-0	-0				-0	•9							.0
41-7C	-5	.5	.с			٠.	.0	-1				.ē		
7:-34	• 7	•5				.ç	.5	-			ë.			
67*	-0		٠.	-0	•=	.0	30.6	•				3.		5.1

								*C.A.E ~~							
•[aiot:	10161		1461-1	47¢				TAPLE 16 ICCNT				LREA	9004	5011EF	TAR SP CCT2
				PĆ	I FFEE C	F -196	SPECO	(415) 440 CIFE		ERSUS S	E1 +616	HTS CFT	1		
HGT	1-3	4-10	11-21	5 22-33	35-47	-1-	PCI	1-3	4-10	11-21	22-23	34-47	48-	<b>*</b> c1	
<1			:				. 2			c	3.	· .c		.,	
1-2	-1		•	-0			1.7	.0	1	• i		.0	.0	1.4	
3-4	.0	-1	•	-0	.0	.c		•		.2	.0				
5-4	·c	- 1	-2	.0	. 5	٠.	.3	.5	•5	•2	-C	. 1	.0		
7	.0	٠ċ	•	-0		.0	•	.=	٠.	-2	40	٠.	.0	•2	
1-1	·c	.0	- 2	.0		.0	.0	•8	• 5	-5	41	٦.	.0	-1	
13-11	.0	.5	•€	٠.	.5	٠.		2.	.5	-0	.0	٦.	.0	.5	
12	-0	٠.	• 🖀	-0	.0	.5	.¢	.0	.5	•	٠.	.0	.:	•	
13-14	٠.	.0	-5	.0	.0	٠.	.0	.5	•6	.0	.0	•5	.5	.=	
17-16	.0	٠.	•6	-0	• 6	.0	. 3	<b>2.</b>	•¢	٠.	.0	.*	-0	-0	
20-22	.e	.:	-9	.2	.:	.0	.:	2.		•¢	.0	. 0	.0	. 0	
23-25	-0	-0	-¢	.0	. 3	.0	.0	.0	.c	-0	.0	.:	.0	.0	
26-32	-0	٠0	٠.5	.c	. 2	٠.	.0	.0	-3	-2-	.c	.c	.0	.0	
33-•C	.c	*£	٠٤	.0	•₹	.5	.5	.2	•0	45	.5	.5	.0		
41-46	٠.	.0	•≏	.0	-7	.0	.0	.0	•0	45	٠.		-0	.0	
49-60	•0	-0	٠.0	.0	.:	-0	.6	•€	+0	٦.	٠.		.0	.:	
41-70	.0	-0	٠.	.0	. 7	.0	.5	.=	-3	.0	.0	.0	.0	.0	
71-86	-0	-0	.=	.c	.9	•3	٠.	.5	-9	٠.0		.9	.0	- 0	
e7•	-0		•2	.0	. 3	.5	-0	.5	•E	•6	.5		.0	.:	
OT PCT	•1	1.3	••	.0	.3	.0	1.0		2-3	.7	.1	.1	.:	3-5	
											8.0				TOTAL
HET	1-3	4-1C	11-21	22-33	34-47	4: *	PCT	1-2	**15	11-21	27-33	34-47	44.	PEÌ	<b>₽</b> €1
<1	-6	1.2	2.	.0	.=	.0	1.4	• <b>t</b>	1.4	-:	.0		.t	7-5	
1-2	- 2	3.5	•2	.0	-6	-C	3.4	-5	4.6		.5	.0	-0	5.9	
3-4	•?	1.4	.4	.0	• • •	٠.	2.0	-1	2.1	. 7	.2	٠.	.0	2.8	
5-6	.c		2	.0	.:	.0	٠.	•	.5	-2	-5	.0	.5		
7	-0	.=	- 3	.c	٠.٠	٥.	• 3	•c	- 1	- 3	٠.	•=	.0	- 3	
	-0	-1	.c	•2	• 2	.c	-3	÷£	.=	-0	.0	•:	.0	.0	
10-11	٠.5	.0	•1	.0	•=	٥.	-1	-6	.5	-0	-1	-5	-9	-1	
12	-0	.0	:	2.	٠.	•6	:	٠.5	٠.	ء.	.0	.c	.0	- 0	
13-16	-0	٠.	٦.	.c	. :	2.	• •	·÷	.5	٠.	.0	••	.5		
17-14	٠.0	•€	-0	.0	.2	2.	-0	٠č	.3		.0	• • • •	2.	• • •	
50-55	.0	٠.	2.	.0	.0	.0	.5	٠.٠	.2	.0	.0	3.	.c	•¢	
23-25	٠.0	-0	•÷	.5	٠.	-6	3. 3.	• <u>•</u>	.5	·č	•=	2.	-9	-5	
26-32	.c	٠.	٠.	.0	٠.	÷¢.		•0	٠.	٥.	•3		-6	• 5	
33-40	٠.5	.5	2	٠.	٠.	٠.	-0	-3	-0	.c	.5	3. 3.	.5	-0	
41-4E	٠.	-:	٠.	٠.	:3	.: 3.	:: :5	.c	.5	- :	.0	:	.0	- 5	
61-75	.:	٠,	3.	.5	.5			.c		.c 1.	.6		.0	.0	
	.0	٠č		-5			.5		.5			·:			
71-86 87-	•0	٠.5	• =	: ::	:3	3.	-5	.e	-=	.0	.0	3.5	٠.5	•0	
107 PCT	.0 1.2	٥.٠	.5 1.2		:5	÷:	9.0	1.2	4:5	1.7		.6	.0	12-1	10.4
101 -61	4 - Z		1.2	• 2	• 0	•=	• • •	***	***	1.,,	• 1	- 4	•0	.Z-1	40.4

	L150	3>{{C	(#15)	VS SEA	+£;541	(*1)		
<b>#</b> \$1	6-2	<b>1</b> 0	11-21	22-33	34-47	40	PCI	*C1
<:	15.0	11.7	.2	.:	٠.	.0	24.5	463
1-2	4.5	32.1	•		-6		42.4	
3-4		12.9	4.5		ě		71.4	
	- • •							
5-6	-2	2.5	3.4		-1	.2	7.1	
7	-0		1.6	-1	•€	.5	2.3	
4-5	٠.	-1	-2		•£		-7	
15-11	.0	٠.5	-2	-1	-5			
13		.5	-1	-5	-5	-0	-1	
13-14	-0	-0	-1	-1	.=	. 0	- 2	
17-16	.=	.5	.:	-5	-0		٠.	
20-27	.0		2.	- 5			٠.	
23-25				-3	.0			
24-32	.5	.0	٥.	-5	.E	.:	-0	
33-45	٠.	.0		-6	- 5	٠.٤	.0	
41-46	.=	.0			.0	- 0	-0	
49-40	.5	-0	.0	.5	ء.	-¢	.0	
61-75	-9	.0	٠:	-6	.0	•¢	.0	
71-66	.0	-3	-5	+ĉ			.:	
97-	.6	.5	٠.٤	-5			-0	
								1720

P(210	D: 1C1	[=-#LL	.1 144	-1-7+					TFELE	25											
					PERCEN	T FAE	LENCT	CF 641	vt »fl	GHT IF	27 12	627E F	E*ict	ISE CON	011						
PER100	<1	1-2	3-4	5-6	7	5-7	10-11	15	13-10	17-15	10-33	23-25	26-32	33-40	*1-*9	49-42	61-75	71-96	e?•	TOTAL	PEAN MGT
< 6	4.3	14.5	14.1	4-1	1.4	- 5	-2	-1	41			0	.2	0				.0	.5	2735	3
6-7	-2	3.3	7.7	6.2	2.5	. 4		-1		•	.0	.0	ء.		-1	.5	-2	.č	-5	1174	•
1-7	-1	2.0	3.0	2.7	1.4		.5	-1	-1	-=		-5	.0		-:	-:	.5	-3	-0	310	5
12-11	.0			. 5		- 2	-1	•	-1		.2	-0	.0		- 6					137	
12-13	.5	.=		. 3	-2	.1	.c		•	•	.0		.0		٠.٤	-5	.0		-6	71	Š
>13	.6	•	.6	+2		-1	.0	•	•	•€	.5	٠.			-0		.0		.0	32	
INCET	4.4	2.1	2.7	1.3		-1	•			•	.0		.0					-0	.0	415	ż
TOTAL	825	1340	1674	454	345	132	62	25	17	Ś	2	6		•	•		9	Ē		5444	3
PET	15.0	25.3	30.5	17.4	7.2	2.4	1.7	. 5	.3	-1	ě	.0	.0	- 0	.0	·ě	-0	.č		120.0	-

aChico: (bbimipi) 1025-1010

TABLE 1

35.0# 41-3# Tels COEs Gratimate 2# CORSI

NEVER OL "CVIPES DECIMARENCE SA PIND GIACCITOR

1000							FCA C	*******			01×[*	*{ # ] # [ *	FH{ 40*	·E+s	
			## Z = Z = Z = Z = Z = Z = Z = Z = Z = Z		1116N 5466 C	1 m[ 8	-416	PCF4 AT CB TIFE	PCPN PAST	1×00	FCG LC		SPERE HAZE		40 515 464
rad eta	PLIA	5402		PCPS		767% P(P%			.e		.1		.7		98.7
, VE	-: -:	::	:: ::	2.	.e.	.0 .0	.c .c .c	:3			.2	.c. .c. .c.			97.5 97.5
νξ 15 3 3	.? .: .:	.2 .: .s	.1 .5 .5	:: :: ::	-2	3. 3. 3.	3:	2.1	.3	 2.	1.1 1.6	_			45.8 47.5 48.2
š-	. t	2.1	.t	.c	 2.	  			.c	.? .: 	.s  		1-	t .3	1
Caf.	.a .a	••	1	ء.		.e 	_		.4	-5	:		•	a	97.4
101 PC1 101 055:			•	6											

TABLE ?

STREET PRESTRESS OF STREET SCCURPARTE BY MICUS

					_						OIME	******		-	
			•	P[C:P]	11776	1176		PCP4 21	PCP% PAST	THOS SCHI		2574	MESE	STAS BUST	516
-504 (\$-11	91 1 P	5=15 5=15	2071	****	540-	61#[= fBZ% #6#%		65 11=E	-0-6		***	##51 MB	.7	.0 2434	48.1
	.2	.:	-1	.2	۶.	.: ::	.0 .0	.5 .1	::	1.3 1.4 .4	.3	.00.00	.5		47.1 96.8 98.7
20603 76129 12615 16621	.? .? .?	.1	:! :!		3. 2. 0.				1.5	.1 .5		_		_	47.7
101 PET 101 0831	.:	•2	•	.5	-0		.5	••	•-						

TABLE 3

besterings the operate of vist direction by speed and by wook

				1.5.7.4	391 "							acce :	12-11			~ *
		¥114		144515	. ,		<b>₽</b> CT	-[45	co	Ģ3	2.5	5.4	12	15	14	21
540 010 54 55 55 55 55 55 74 74 74 74 74 74	7-3 7-4 7-1 7-1 1-1 11-1 17-1	11-7 10-6 17-6 17-6 17-6 17-6 17-6 17-6 17-6 17	7.0 6.4 7.7 .6 .1 .1	14.45131 2-33 31		 ; 7 <b>+1</b> )	70[5 17-1 21-7 23-2 4-5 1-3 1-5 1-6 2-7	5P0 6-8 6-3 6-7 7-6 8-2 6-2 6-3 6-5	11.3 24.3 24.3 25.3 25.3 25.3 25.3 25.3 25.3 25.3 25	10.4 24.3 14.4 4.8 4.8 4.8 4.3 11.7	18.3 21.0 21.0 21.0 1.4 4.2 10.6 .0	35.4 20.7 2.6 .5 .5 1.1 14.1	3.7	40.7 17.4 2.1 .8 1.3 1.4 8.4	7.8 7.8	31.0 18.2 3.3 1.7 0.5 3.0 10.1
10: 201		55+3	20.2	•••												

		.142	**{EC	(**675)		****	-[12	26	C&	12	16 71
	10.2 10.1 10.1 10.2 10.2 10.2 10.2 10.2	7-16 6.5 15.9 13.1 1.6 .0 1.3 3.6	2-3		 7413	FCT FAFE 17-1 28-7 13-2 1-3 1-5 1-5 1-5 1-7 11-2 100-6	9-9 9-3 9-7 7-9 9-7 9-7 9-7 9-7	23 25.7 25.5 25.6 2.2 2.9 4.3 4.0	27.8 21.0 4.4 1.3 1.4 10.4 10.4	15 21.7 31.8 16.5 2.7 .6 .9 3.1 4.1 10.8	16.4 34.6 26.0 2.9 1.2 1.5 2.7 7.5
tot ber	51.1	•3.5		,							

DECEMBER

PERIOD: (PRIMARY) 1952-1979 (CYER-ALL) 1673-1979

TABLE 4

APEA COOP GUATEMALA SW COAST

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GHT)

				LIND	SPEEG (	EZTSNA			PCT	TOTAL
HOUR	CALM	1-3	4-15	11-21	22-33	34-47	***	PEAN		QBS
00103	5.7	11.4	60.1	17.7	.7	.0	.0	7.2	100.0	1745
04609	10.5	13.4	58.0	11.7	. 4	.0			100.0	1659
12615	16.6	13.4	54.4	20.0	1.4	.1	.0		100.0	1774
14621	7.9	11.0	49.3	29.7	2.0				100.0	2035
101	627	915	4096	1486	85	•	0	7.4		7413
PCT	11.2	12.1	44.1	20.0			Ā			

145LF 5

TABLE 6

	PCT FPE			CLOUD A		EZHIHDI 31		1					CEILIN NH (5/					
WND DIS	0-2	3-4	5-7	682CD	TOTAL OBS	COAED	000 149	150 299	300 599	600 999	1000	2000	3500	5000 6499	6500 7999	<b>\$000</b> +	MH 45/E ANY HGT	
4	11.9	2.5	2.0	. 3		1.5	•	.0	- 1	. 3	. 4	. 2	. 1		_		15.9	
NE	19.1	5.1	2.3	.6		2.0	•1	.0		Š		.3	: 2				25.2	
Ε	16.4	4.1	2.9			2.0		.0	- ':	.4	:;	.3			• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	22.2	
3.6	2.6	. 9	. 6			2.3	.0			.2		•:	• •					
5	. 8	. 3	. 3	٠,		2.6		.0	•0	• • •		.0				•0	3.5	
Š¥		. 3				2.5				•	• 1	• 0	•	•0	•	•0	1.2	
	2.5	.6	.;				•	•0	•0		•	•	•	•0	-0	•0	1.3	
				• 1		2 • 3	•0-	•0	• 1	• 1	.2	- 1	•	•	.0	.0	3.4	
NE	5.7	1.7	1.2	.2		2.1	•	.0	•	• 2	• 2	.1	. 1		•		8.1	
VAR	•0	•0	•0	•0		•0	.0	.0	•0	-0	.0	.0	.0	.0	.0	.0	•0	
CALM	8.0	1.9	1.1	.2		1.7	.0			. ?	. 2	.1		• • • • • • • • • • • • • • • • • • • •			10.5	
TOT CBS	3965	1028	707	124	5764	2.0		,	1.6	108	144		37	11				
TOT PCT	67.7	17.5	12.3	2.2	100.0			:	.3	1.9	2.5	1.1	3,6	.;	11	10	5352	5764

TABLE 7

CUMULATIVE PCT FREC	OF SIMULTANEOUS	OCCURPENCE
OF CEILING HEIGHT	INH DAYER AND V	SBY (NH)

						VSBY INM	1)			
	C	EILING	⇒ OR	40 =	= OR	I CR	2 QR	= CR	I OR	= CR
	t i	FEE T)	>10	>5	>2	>1	>1/2	>1/4	>5010	>0
=	OR'	>6500	. 4	.4		. 4		.4	.4	. 4
:	0R	>5000	.5	.5	. 5	.5	.5	.5	.5	. 5
		>3500	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
:	OR	>2000	2.2	2.3	2.3	2.7	2.3	2.3	2.3	2.3
=	CR	>1000	4.6	4 . 5	4.6		4.8	4.8	4.8	1.1
:	ÓR	>600	6.1	6.6	6.6	4.6	6.6	6.6	6.6	4.6
=	CR	>300	6.4	6.9	6.9	1.0	7.0	7.0	7.0	7.0
z	CR	>150	6.4	6.9	6.9	7.0	7.0	7.0	7.0	7.0
			6.5	7.0	2.1	7.1	7.1	7.1	7.1	7.1
		TOTAL	344	414	416	419	419	419	419	419

TOTAL NUMBER OF OBS: SEES

PCT FREG NH <5/#1 92.9

TABLE 7A

## PERCENTAGE FPEO OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 085CT 0085 38-3 26-3 15-8 8-2 4-1 7-3 2-4 1-7 .8 .1 6163

PEPIOOI	4 PO THAPY S	1952-1979
	ICVER-/LL)	1471-1979

IABLE &

APER DDD9 GUATEMALA SW COAST

,,,,,,	*7:-1974						Į A į						12
		f	FRCENT		PF LIN							CURRENC IY	E OF
4564			٩E	ε	SΕ	s	S.	¥	A¥	YAP	CALF	PCT	TOTAL
(4×)													OBS
	PCP	.0	.0	.0	•0	.3	.0	• 2	- 0	• 5	.0	.0	
<1/2	NO ≥CP	.0	. 2	.0	.0	- C	•0	. 0	• 0	.0	9.	. 0	
	101 2	.0		•0	.0	• 0	• C	. 0	.0	.0	.0	• 2	
	PCP	Ď	. 3	.0	.0	.0	•0	.0	.0	.0			
1/261	NC PCP		.5	ě	ě	ě	ě	.č	·.č		.0	.0	
•,,•,,	101 1	.e	.č		.0	.0	ě	.0	ò	.0	••	•	
	PCP	.0	.0		.0	•0	.0	.0	.0	.0			
1<2	NO PCP	•0		.0	·c	.0	.0	.0	.0	.5	.0		
• • •	ici i	•€	•	•	.0	.0	.0	.0	.0	.0		٠	
	PCF	۶.	.0	•	.0	.2	.0	.0	.0	.0	.0		
245	NO PCF					.0	٠ō	•				- 1	
	101 1		•	•	•	•0	.č	•	•	.0	•	. 1	
	PCP		. 1	•		.0		.0	•	.0	.0	.1	
5410	NO PCP	.6		. 9	• 2	. 1			. 3		.2		
	101 1		. 9	. 9	.2	• 1	- 1	•	. 3	.0	. 2	3.4	
	PCP	.0		•		•0	.0			.0		.1	
10.	NO PCF	16.6	27.7	22.7	3.9	1.2	1.3	3.8	8.8	.0	10.4	96.3	
- 1	TOT 1	16.6	27.7	22.7	3.9	1.2	1.3	3.8	ē, à	.0	10.5		
	101 CES												6841
	TOT PCT	17.2	28.6	23.€	4.1	1.3	1.4	3.9	9.1	.0	10.8	100.0	

TARLE 9

				PERCEN	I FPEC	OF LI	ND DIR	ECTION	<b>VS WI</b>	NC SPE	ED		
					LITH V								
7557 (h=1	SPD KIS	14	48	E	SE	5	5#		4*	VAR	CALF	PCT	TOTAL
	D-3	٠t	•0	٠.٥	•0	.0	•0	.0	.0	.0	.0	.0	
<1/2	4-10		•		• 0	. C	.0	.0	.0	.0			
	11-21	.0	•	. C	• 0	.0	٠.	.0	•0	.0	-	•	
	22+	.,	•	• 0	٠0	7:0	.0	.0	.0	•0			
	ICT 1	•0	•	•	•0	.0	•0	.0	.0	٥.	.0	.1	
	0-3	.0	.0	٠c	.0	.0	.0	.0	.0	.0	•	•	
1/2(1	9-10	.0	•0	.0	-0	.0	٠.٥	• 5	-0	.0		.0	
	11-21	.0	•0	.0	•0	.0	.0	.0	-0	•0		.0	
	27+	.0	.0	•0		•0	•0	.0	.0	.0		.c	
	ici z	.0	.0	.0	•0	.0	.0	.0	•0	•0	•	•	
	0-3	.0	.0	.0	.0	.0	.0	.c	•	٠0			
1<2	4-10	-0	.0	•	•	-0	٠٥.	.0	•0	•0		•	
	11-21	.0	•	.0	٠,	.0	:0	. 0	.0	.0			
	15+	•0	•0	٠.٥	.0	•0	• 0	.0	.0	٠٤		.0	
	TOT 2	•0	•	•	•	٠¢	.0	•0	•	.0	•	•1	
	0-3	•	•0	•	•0	.0	.0	-0	•	.0		.1	
2<5	4-10	•	٠.0	•	٠	•0	-0	•	• 2	.0		- 1	
	11-21	•0	•	•	.0	.0	•0	•0	.0	.0		. 1	
	22+	.0	•0	•0	.0	.0	.0	• 0	•0	.0		.0	
	101 #	•	•	. 1	•	٠.	•0	•	- 1	٠c	•	•2	
	0-3	- 1	•2	. 1	- 1	•	•	•	•	.0	.2	.8	
5<10	4-10	• 4	. 5	.5	• 1		•	•	. 3	.0		1.6	
	11-21	.1	•2	. 2	• 1	.0	.0	·c	•	•0		-5	
	22+	•	•0	•	.0	•	•	٠.	.0	.0		-1	
	101 1	.6	. 9	. 6	•2	-1	•	•	• 3	•0	•2	3.2	
	0-3	3.1	2.6	1.9	.6	.3	. 3	1.0	1.7	.0	10.8	22.4	
10+	4-10	11.4	16.3	12.4	2.6	.9	1.0	2.4	6.3	.0		53.3	
	11-21	1.0	8.2	7.7	• 6	- 1	. 1	. 4	.7	.0		19.6	
	22+	• 1	. 5		. •	•	.0	.0	. •	.0		1.1	
	101 7	16.5	27.7	22.4	3.6	1.2	1.4	3.8		.0	10.5	96.4	

TOT OBS TOT PCT 17-1 28-6 23-4 4-1 1-3 1-4 3-6 9-2 CECEMBER

PERIOD: (PRIMARY) 1952-1979 (OVER-ALL) 1873-1979

TAPLE 10

APER 0000 GUATEMALA SW COAST

# PERCENT PREGUENCY OF CETLING HEIGHTS (FEET AM DAZE) AND COURPENCE OF AM 65/8 BY HOUR

					•-		•••		• • •				
HOUR (GMI)		150 299									TOTAL	AH (5/8 ANY HGT	
00603	- 1	.1	.3	1.6	1.4	1.2	.5	. 3	•5	.1	5.6	94.4	1531
06609	. 3	9	•2	1.7	2.1	.7	.5	-1	.3	.2	5.6	94.4	1484
12615	. 1	.0	.2	2.7	4.0	1.5	.7	. 3	-1	. 3	10.0	90.0	1504
18621	- 1	.0	.5	1.6	2.2	1.0	. 7	- 1	.2	.1	6.4	93.6	1620

18 110 147 66 38 12 12 10 .3 1.6 2.4 1.1 .6 .2 .2 .2

TABLE 11

148LE 12

		PERCENT	FRECUE	CT 4581	ENHI	ĐY HQUĐ		CUPULAI					ASBA HORE	
HOUR (GPI)	<1/2	1/2<1	1<2	2 < 5	\$<10	10•	TOTAL	HOUR (GMT)	<150 <5010	<600 <1	<1000 <5		NH <5/8 AND 5+	TOTAL OPS
00603	•0	.0	•1	.2	2.7	97.0	1760	00£03	• }	.4	2.1	3.7	94.2	1463
06109	-1	.0	•0	.3	4.5	9=.8	1859	06609	4.3	.6	2.1	4.0	93.9	1429
12615	•1	.0	•5	.2	3.2	96.5	1775	12615	.1	. 4	3.2	7.2	89.6	1427
18621	.7	• 1	- 3	.2	2.8	96.7	1790	16621	. 2	. e	2.6	4.3	93.2	1569
tot	5	1	.1	16	250 3.4	7107	7384 100-0	101 PC1	11	32	147	281 4.8	5455 92.7	\$883

TARLE 13

						_														
	PERC	ENT FO	EOUENC	4 OF P	ELATIV	1 ноч1	0117 B	Y TEMP	TOTAL	PCT		PERC	ENT FR	LQUENC	Y OF W	140 DI	RECTIO	6 64 T	[HP	
TEMP F	0-29	30-39	43-49	50-59	60-69	70-79	80-69	90-100		FREQ	k	٩E	E	S€	S	SW		NW	VAR	CAL=
95/99	.0	•0		•	.1	.0	-0	.0	6	. 1	•	•	•	.0	.0	•0	.0	.0	.0	.0
90/94	٠.	-0		.2	. 5	.1		.0	52	- 9	• 2	• 2	. 3	•	.0	•0	•	.2	٠0	- 1
85/89	.0	.0			2.5	3.4		.2	429	7.4	1.1	1.8	2.0	. 4	. 1	- 1	. 3	. •	-0	. 8
80/84	.0	.0	• • • •	. 9	10.7	32.7	19.6	3.7	3929	67.6	11.7	18.6	15.6	3.0	1.0	1.1	2.8	6.2	.0	7.4
75/79	.0	.0			.7	6.8	10.9	4.9	1353	23.3	3.9	7.5	5.6	.7	.2	•2	.8	1.6	•0	2.8
70/74	.0	.0		.0	.c	.0	- 2	. 5	41	.7	-1	.2	. 1		.0	•0	- 1	- 1	.0	-1
TOTAL	0	0	7	97	541	2493	1828	544	5810	100.0										
PCT	•0	.0	.1	1.7	14.5	42.9	31.5	9.4			16.9	24.3	23.7	4.0	1.3	1.3	4.0	8 - 9	.0	11.5

				TAE	LE 15									TABLE	16			
	MEANS.	ExTREM	ES AND	PERCES	HILES	OF TE	P 10E	SF) B	T HOUR		₽€₽C	ENT FRE	CUENCY	OF RELA	TIVE H	71101PC	84 HOUR	₹
HOUR (GMT)	MAX	992	952	501	51	11	MIN	HEAN	TOTAL	HOUR (6P1)	0-29	30-59	60-69	70-79	80-89	90-100	*EAN	TOTAL
00603		88	85	81	77	75	70	61.4	1781	00603	•0	1.6	18.9	48.1	74.8	6.6	76	1461
96409		24	43	80	76	74	71	80.0	1921	96509	•0	.5	7.6	42.4	37.0	12.4	80	1460
12615		84	83	40	76	7.4	70	79.8	1799	12615	•0	.6	7.2	37.4	41.3	13.4	81	1450
18621		91	8.8	82	78	76	69	82.7	2045	14621	-0	*.1	22.7	44.0	23.6	5.6	75	1545
TOT	45	29	84	81	77	74	69	81.0	7546	101	0	105	448	2562	1878	563	78	5956

06CE#868

PEPICD: (PPIPARY) 1957-1979 (CVEP-4LL) 1873-1979

TABLE 17

AREN COOP GUATEMALA SA COAST

PCT FREG OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FCG (WITHOUT PRECIPITATION)
VS. AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

432-914	69	73	77	81	85	89	>92	101	¥	W0	
THP DIF	72	76	80	44	88	45			FOG	FOG	
17/19	.0	.0	.0	•					.0	.1	
14/16	.0	٠.0	.0	-1	.0	. 1		10	.0	. 5	
11/13	.0	.0		•	• 2	. 1	. 1	26	.0		
9/10	.0	.0	. 1	• 2	• 2			40	.0	.6	
7/6	.0	.0	. 3	.6	. 5	. 3	•	102	•	1.6	
6	.0		• 2	. 5	. 4	. 1	.0	75	.0	1.2	
5	.0		. 3		. 7	. 2	.0	131	**	2.0	
		- 1	.7	1.4	1.1			250	.0	3.9	
3	.0	-1		2.1	. 9	•	.0	257		4.0	
ž		. i	2.0	5.6	1.2		.:	576	•	9.0	
ĩ			2.8	5.1		.0	•0	571	•	8.9	
ō	-0		5.5			•	.0	1029	. 1	16.0	
-1	•	. 3	4.3	6.2	.3	•		846	•	13.2	
~2	.0	- 5	6.1	6.9		.0		867	.1	13.5	
-3		. 3	4.6	3.9	*			560	-	4.7	
- 4	•	.3	5.1	244	•	.č		503	•	7.6	
~š		. 3	2.7	1.4	.0			265	.0	4.4	
-6	.0	ž	1.5	. 3		.č		130		2.0	
-7/-8		.3	1.0	. 3	.c		.č	105	•	1.6	
-9/-10		• 1	• • • •				.ŏ	19	-0	3	
-11/-13			٠:	٠,٥			ě	10	.ŏ	• 2	
TOTAL	15	• •	2441	•••	442	••	14	10	26	6369	
		218	****	3193		72	17	6395		0307	
DC1	. 5	3.4	\$6.2		4.6	1.1	. 2	100.0		40.4	

PERIOD: (OVER-ALL) 1963-1979

				PC	1 FREG 0	F SIND	SPEED	ERTS) AND DIRE	CTION V	ERSUS S	EA HEIG	HTS (FT)	ı	
											NE.			
HET	1-3	4-10	11-21	22-33	34-47	484	PCT	1-3	4-10	11-21	22-33	34-47	48+	<b>₽CT</b>
(1	1.3	2.5	.0	.0	. 5	. 0	3.9	1.7	2.2	.1	.0	•0	.0	4.0
1-2		6.5	.7	.0	-0	.0	8.0	.8	9.2	1.6	.0	-0	•0	11.7
3-4	.7	1.9	.7	.0	•0	•0	2.8	• 1	4.7	4.2	.1	.0	.0	7.1
5-6	.0	. 4	• *	.0	•0	.0	. 7	.0	1.1	2.3	. 3	.6	.0	3.6
7	.0	.0	- 1	.1	-0	•0	-1	•0	. 1	1.0	• 5	.0	•0	1.2
8-9	.0	- 1	. 1	. 1	.0	.0	• 2	•0	• 2	.6	.1	- 1	•0	.*
10-11	.0	.0	. 1	a.	•0	-0	+1	•0	- 1	.0	-1	•0	•0	-1
12	٠.	.0	•0	.0	•0	.0	.0	•0	.0	.1	-1	•0	.0	. 1
13-16	.0	•0	• 0	.0	.0	-0	.0	.0	•0	-1	.0	.0	•0	. 1
17-19	•0	.0	• 6	•0	.0	-0	•0	.0	•0	•0	•0	.1	.0	.1
20-22	• 0	.0	•0	٠.	.0	•0	.0	٠,	•0	.0	.0	.0	.0	.0
23-25	•0	•0	•0	•0	•0	.0	-0	•0	•0	.0	•0	.0	•0	٠,٥
26-32	.0	•0	•0	•0	.0	•0	.0	•0	-0	.0	-0	.0	-6	.0
33-40	-0	•0	•0	•0	• 0	-0	•0	•0	• • •	.0	.0	.0	•0	•0
41-48	٥.	•0	.0	•0	.0	•0	.0	•0	•0	•0	•0	•0	•0	•0
49-60	.0	-0	.0	•0	•0	•0	.0	.0	-0	•0	•0	•0	•0	.0
61-70	•0	.0	.0	•0	•0	•0	.0	•0	•0	.0	•0	٠.	•0	.0
71-86	•0	•0	•0	•0	-0	•0	-0	•0	.0	.0	-0	.0	•0	•0
87+	.0	.0	.0	•0	.0	•0	.0	.0	0		•0	.0	•0	.0
TOT PCT	2.4	11.3	1.9	•1	.0	•0	15.6	2.6	17.6	10.0	.7	• 1	•0	31.0
				ŧ							SE			
HGT	1-3	~-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	• 2	1.6	.0	.0	· e	• 0	1.9				•0	.c	•0	. 6
1-2		6.1	1.6	•0	.c	• 0	8.8	.2	1.7	. 1	.0	.0	•0	2.1
3-4	•0	4.0	4.1		-0	٠Ô	8.5	.3	.7	. •	-0	•0	-0	1.6
5-6	. 3	1.0	2.7	• 3	.0	•0	4.3	.0	•	.2	-1	.c	.0	. 3
7	•0	• 1	1.0	• 1	-0	• 0	1.1	.0	• 0	.0	.0	.0	•0	.0
8-9	.0	. D	.c	• 1	-0	•0	• 1	.0	+1	.0	•0	•0	•0	- 1
1(-11	٠.0	+0	.0	•0	•0	.0	.0	.0	•0	.0	.0	.0	.0	•0
12	.0	. 0.	•6	-0	•0	+C	. 0	.0	•0	. 5	•0	.0	•0	٠.
13-16	.0	•0	.0	*6	•0	-6	.0	•0	•0	.0	٠0	•0	٠.	
17-19	٠.	•0	.0	40	•0	•0	.0	.0	•0	.0	٠c	•0	+0	.0
20-22	•0	٠.	•C	•0	-0	•0	.0	•0	•0	.0	.0	.0	.0	•0
23-25	•0	.0	.0	٠0	-0	.0	-0	•0	.0	.0	-0	•0	-0	.0
26-32	•0	.0	•0	•0	•0	40	.0	•0	•0	.0	•0	•0	•0	•0
33-40	.0	•0	.0	•0	•0	-0	.0	.0	•0	.0	٠0	•0	٠.0	•0
-1-46	.0	.0	.0	.0	• 0	٠0	.0	•0	•0	•0	•0	-0	٠0	•0
49-60	.c	•6	•0	*0	• 5	+0	.0	•0	•0	.c	•0	.0	٠.0	•0
61-70	•0	•0	.0	•0	•0	•0	.0	•0	•0	.0	.0	.0	.0	•0
71-86	.0	•0	•0	•0	.0	•0	-0	•0	•0	•0	-0	•0	-0	.0
67+	•0		•0	.0	-0	•0		•0	.0		-0	•0	.0	•0
TOT PCT	1.4	12.9	9.6	.7	.0	-0	24.6	.7	2.4	1.2	- 1	-0	-0	4.8

								BECEMBER							
PER10D:	COVE	8-ALL)	1963-1	479				TABLE 18 (CONT	1			AREA	12.		OM COVE
				PC	I FRED C	F .IND	SPEEG	(KIS) AND DIPE	CTION V	EPSUS S	EA HEIG	HIS (FI	,		
HGT	1-3	4-10	11-21	5 22-33	34-47	48*	PCI	1-3	4-10	11-21	22-33	34-47	484	PCI	
(1	.1	3			.0	7.0	4	1-3	4-10	11-21	.0	24-47	-0	.5	
1-2	i.i		.0	.0	.0		45	3.	. 5		.0	i.è	.0		
3-4	.0	. 3	.0	.0	. 5	.0	. 3	.1	•1	. 1	.0	.0	.0	.2	
5-6	.c	• 1	- 1	°C	.0	.0	- 1	•0			•0	. C	.0	•	
7	.0	.0	.0	٠.0	.5	.0	.0	.1	.0	• 0	.0	ą.	.0	- 3	
8-9	•0	•0	•0	.0	.0	.0	•0	•0	٠.	•0	. a	•0	.0	.0	
10-11	•0	•0	•2	.0	•0	.0	٥٠	•0	٠.	•0	• 0	· L	•0	.0	
12	•0	•0	•0	.0	•0	.0	•0	•0	•0	• 0	•0	.0	-0	.0	
13-16 17-19	.0 .D	.0 .0	.0	.0	•c	3.	.0	•0	.0	•0	.0	.0	•0	.0	
20-22	.0	.0	.0	.0	.0	:č	.0	.0	.0	.0	•0	n. 0.	.0	.0	
23-25		::	.0	.0		ŏ	::	••	::	•0	:0	.0	.0		
26-32	.5		ě		:ő	.5		.0	ŏ			.0	ě	:0	
33-40	·č	.0	.0	.0					.0	•0	.0	.0	.0		
41-48	.0	.0	•0	.0	.0	.0		•0	.0	.0		.č	.0		
49-60	.0	.0	.ć	.0	• 0	.c	.c	•Č	.0	.0	.0	.0	.0	.0	
61-70	• 0	•0	.0	•0	. 3	.0	.0	•0	.0	.0	.0	2.	.5	.0	
71-86	•0	•0	.0	•0	•0	.0	.0	.0	•0	.0	.0	• 0	-0	.0	
87*	-0	• C	·c	•0	-0	.0	.0	•0	.0	.0	•0	•0	.0	.0	
TOT PCT	•5	1.1	-1	-0	٠,	.0	1.3	.3	1.0	•1	•0	٠.	-0	1.4	
											AW			_	TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48-	PCI	1-3	4-10	11-21	22-33	34-47	48+	PCT	PCI
41	• 3	• 6	.0	•0	•0	.0	. 9	• •	1.4	• 1	.0	٦.	-0	1.9	
1-? 3-4	-5	1.4	- 1	•0	•0	.0	1.9	••	3.5	• •	•3	• 5	-0	4.2	
5-6	.1		٠.	•0	.0	.0	.5	•1 •0	1.0	.7	.0	a. 2.	.0	1.4	
7		::	:0	::	.0		::	:č	.0			:6		.;	
8-9		0	3.	.0	.č	.0	::	.0				.0		•	
10-11	.0	.0	.0	.0	.0	ě	.ō	.0	.0					.0	
12	.0	•0	.0	٠.	.0	.0	.0	.0	.0	.0	.0	.c	.0	.o	
13-16	.0	.0	•0	•0	-0	٠.	.0	•0	.0	.0	.0	.0	.0	.0	
17-19	•0	.0	.0	.0	.0	• 0	.0	•0	.0	.5	•0	• 0	.0	.0	
20-22	•0	.0	.0	•0	• 3	.0	.0	.0	.0	٠.	•0	.c	.0	.0	
23-25	•0	•0	•0	-0	.0	-0	.0	•0	٥.	•0	•0	.0	.0	-0	
26-32 33-40	•0	•6	.0	.0	•0	-0	•0	.0	•0	•¢	•0	•0	.0	.0	
33-40 41-48	.0	.0	.0 .0	•0	ŋ. 3.	-0	.0	•0	.0	3.	•0	• 6	.0	-0	
49-60			.0	•0	.0	.0	.0	•0	.0	3.	•0	9.	.0	.0	
61-70	ě		::	.0	.0	•0	.0	.0	:0	.0	.0	2	.0	.0	
71-06	•0		.0	.0	•0	.0	.0			.0	.0	.0	.0	.0	
87+		.0	.5	.č	ž	.ŏ			.0			3.	:5		
TOT PET	1.0	2.6	. 2	-0	.5	.0	3.6	1.0	6.2	. 0	.0	·ò	.0	e. i	90.2

	LIND	SPEED	(×15)	VS SEA	HEIGHT	(FT)		
H61	6-7	4-10	11-21	22-33	34-47	48*	PCT	101
<1	15.0	9.2	.2	.0	.0	.0	24.4	230
1-2	4.6	28.7	4.5	.0			37.6	
3-4	1.0	12.7	9.9				24.1	
5-6	0	2.9	5.5				9.3	
7,0		.2	2.1	.;			2.6	
8-9	.1	.3	.6	::	::		1.2	
10-11	::		.1	::	:6			
12			::	::	:6		:1	
13-16	•0		-1	.0			- 1	
17-19	.0	•0	٠c	.0		.0	• 1	
20-22	-0	•0	.0	.0			•0	
23-25	-0	.0	.0	.0	.0	0	•0	
26-32	.0	•0	.0	.0	.0		-0	
33-40	•0	• C	.0	.0	-0		•5	
41-48	.0	.0	.0	.0			40	
49-60	.0	.0	.0	.0	.0	.0	.0	
61-7C	.0	•0	.0		.0		.0	
71-86	.0	-5					.5	
87.	•6	-0	.0				.5	
•••	••		•••	•••	••	••	••	1538
TOT PCT	20.9	54.3	23.1	1.6	. 1	-0	100.0	1339

PER10	D: 10A	ER-ALL	.) 194	9-1979	)				TABLE	19											
					PERCEN	T FREG	UENCY O		E HE1	GHT (F	7) VS 1	AVE PE	RICO	ESECONE	120						
PERIOD (SEC)	(1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-10	20-22	23-25	5-32	33-40	41-48	44-60	61-70	71-86	87•	TOTAL	MEAN MGT
<6	7.4	18.5	17.4	6.5	1.8	.8	. 3	-1	- 1	• 1	.0	.0	.0	.0	.0	-0	.0	•0	.0	2740	3
6-7	.1	2.4	7.9	4.5	2.4	.9	. *	- 1	.1	• 1	•	.0	-0	.0	.0	.0	.0	.0	-0	1077	i
5-9	. 1	.9	1.5	2.2	1.5	.5	. •	. 1	• 2	•	•	.0	.0	.0	•0	.0	.0	.0	.0	395	5
10-11	.0	.5		46	.3	.3	-1	•	- 1	•	•	.0	.0	.0	.0	.0	-0	.0	.0	135	5
12-13	.0	.0		- 3	•2	•	•	.0	.0	.0	•	•0	.0	.0	-0	•0	.0	.0	.0	75	5
>13	.0	.0	•0	.3		-6	.0	.0	.0	.0	•	.0	.0	.0	٠.0	.0	.c	.0	.0	37	Ĭ.
INDET	8.9	1.4	2 - 1	. •	.3	.2		•		.0	.0	.0	•0	.0	•0	-0	.0		-0	715	1
TOTAL	850	4224	1562	895	357	139	71	16	26	•	5	Ċ	ŏ	ŏ	Ď	Č	ō	0	ō	5174	ì
PCT	16.4	23.7	35.4	17.3	6.9	2.7	1.4	. 3	•5	•2	- 1	•0	.0	•0	٠Ċ	.0	.0	• C	•6	100-0	•

PERIOD: (PRIMARY) 1952-1979 (OVER-ALL) 1861-1975

TABLE 1

APER DODS GUATEMALA SW COAST

PERCENT	ELFONEWEY	OF	ATATUCO.	CCCUDDENCE.	 LILO	DIDECTION

			ı	RECIPI	14110	Y TYPĒ					OTHER	REAIHER	PHEND	MENA	
PYD DIE	PAIN	PAIR Sher	DR7L	FRZG PCP4	540H	OTHER FPZ4 PCPN	HAIL	PCPN AT OB TIME	PCPR PAST HOUR	IHDR LING	FOG bo PCPN	FOC NO PCPH PAST HR	SHOKE	SPPAY BLUG DUST BLUG SHOW	
	1.4	. 5	.5	-0	.0	.0		2.7	1.7	3.2	.2	.0	2.0		90.3
NΕ	1.8	1.1	. 6	-0	٠.0	.0	•	3.4	1.9	2.7	• 2		1.1	•	90.8
L	1.8	1.2	. *	.:	.0	.0	.0	3.5	2.3	2.7	• 2	.0	1.2	•	90.3
SE	1.7	1.3		-0	.0	.0	-0	3.7	2.2	3.6	- 1	.0	1.6	•	89.1
Š	2.1	1.0	. 7	.0	.0	.0		4.5	3.1	3.2		.0	2.1	•	44.9
5 -	3.3	2 - 1	1.0	-6	.0	.0	٠.	6.2	2,9	2.5	. 3	.0	1.0	•	86.3
-	2.7	1.5	1.0	.0	.0	.0	•	5.2	7.9	2.7	. 1	.0	7.6	•	66.0
NE	1.6	1.1	. 5	.0	.0	.0		3.2	1.7	3.2	. 2	.0	1.7	•	90.1
YAR	.0	.0	.0	•0	.0	.0	.0	•0	.е	•0	. C	-0	.0	.0	.0
CALM	. 3	.5	- 2	-0	.0	.0	.0	1.0	, 9	4.2	. 3	.0	4.0	•1	89.5
101 251	1.8	1.2	.0	.0	.0	.0	•	3.6	2.1	3.c	• 2	•	1.5	•	47.4
101 065:	92737														

TABLE 2

#### PERCENT PRECUENCY OF WEATHER OCCURRENCE BY HEAP

				e£C 1P 1	14110	N TYPE					OTHER	WEATHER	PHENC	HENA	
HOUR (SPI)	PAIN	PAIA Sher	DPZL	FRZG FCPN	5406	CTHER FRZN PCPL	HLIL	PCPN AT CB TIME	FCFN PAST HOUP	IHDR LING	FOG LO PCPN	FOG WO DCPN PAST HR	SMOKE HAZE	SPRAY BLWG DUST BLWG SHOW	
00£03 C6£09 12£15 18£21	1.1 1.4 3.1 1.7	 9 1.£ 1.4	1.1	.0	.0		:	2.7 2.7 5.9 3.6	1.4 1.5 3.7 2.3	.7 8.6 3.1	.1 .3 .3	•0	1.7 1.6 2.0 1.7	:	93.9 85.3 85.6 91.9
TOT PCT	1.8	2.2	. t	.0	.0	.e	•	3.0	3.:	3.1	•2	•	1.5	•	49.3

#### \*\*\*\*

#### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		- 7 %	O SPEI	EC IKNOS	(2)								HOLR	(641)			
ALC DIR	0-3	4-10	11-21	22-33	34-47	48+	101AL 085	PCI FREC	PEA4 SPD	CO	53	90	09	15	15	14	71
*	2.4	7.7	1.3	•1	•	-0		11.5	4.6	7.4	4.0	10.8	12.1	15.9	13.7	12.0	11-7
NE	1.9	10.5	*.5	. 4	•	.0		17.7	8.9	14.6	14.2	13-2	19.3	20.1	23.0	21.9	19.7
2	2.2	12.5	7.9	. 7	•			23.3	10.0	24.7	19.7	18.8	10.5	22.0	21.0	28.2	23.0
SE	1.2	٩.6	7.1	- 1	•	.0		9.0	6.1	12.9	11.5	10.4		5.*	6.6	7.1	9.0
\$	. 4	3.0		4 1	•			4.7	7.1	6.2	5.5	5.0	4.6	3.5	4.2	3.9	5.2
5%	. 6	3.3	1.4	. 1	•	.0		5.6	7.5	7.2	6.7	5.7	6.2	4.3	6.0	4.7	6.8
	1.4	5.3	1.6	- 1	•	4.0		4.6	7.4	10.4	11.4	9.8	6.0	7.5	7.4	6.8	4.1
4.4	1.7	6.2	1.1	•	•	.0		4.1	6.9	7.6	9.0	9.7	9.5	10.2	10.6	8.5	9.5
ATS	.0	.c	.c	.5	.0			.0	.0	2.	.0	.0	.0	.0	.0	.0	٠٥.
CALM	10.6							10.6	.0	6.9	13.0	16.7	13.1	19.7	7.4	6.8	6.9
101 085							99672		7.6	22547	1636	22218	2190	21709	2657	24444	2371
TOT PCT	23.C	54.1	21-2	1.6	- 1	•		100.0		100.0	100.0						100.0

		-150	****	(#4075)						460	16#1	
SIG GAZ	0-6		17-27		41.	TOTAL	PCI	PEAN	90	26	12	18
			•••		•	C=\$	FREC	SPD	03	63	15	21
*	6.6	4.4	- 2	•			11.5	6.6	7.4	10.+	15.7	12.0
ΝE	6.6	9.2	1.6	- 1	•		17.7	8.*	14.6	13.8	20	21.7
ε	7.4	13.0	2.5	.1	•		23.3	10.0	24.3	15.8	21.7	27.7
SE	3.9	4.6	- 5	•	.0		9.0	8.1	12.4	10.2	5.9	7.2
\$	2.5	1.9	.2	•			4.7	7.1	6.2	5.0	3.6	4.0
Šū	2.4	2.:	. 5	•			5.6	7.6	7.3	5.7	9.5	4.9
b .	4.1	4.0	.5	•	.0		8.6	7.4	10.5	9.7	7.5	6.9
٧.	5.2	3.7	.2				9.1	6.9	7.4	9.7	10.3	8.6
VAR		-0		.0	.0			.0	.0	.0		
CAL"	10.6			***			10.6		9.2			6.6
TCT CES						99672		7.6		24408		
tet PCT	45.6	43.5	6.5				100-0			100.0		

ARSUAL

PERIOD: (PRIMARY) 1452-1979 (OVER-ALL) 1561-1979

TABLE &

AP() COO9 GUATEMALA SE COAST

PERCENTAGE SPECUENCY OF WIND SPEED BY HOUR SEMIS

TABLE 5

TAPLE 6

	C1 FPE			CLOUD A		EIGHIHS) MEAN		i					CEILIN					
AFD 016	0-2	3-4	5-7	8 E 085C7	TOTAL	COAED	000 149	150 259	300 599	690 999	1000	2000 3499	3500	5000 6499	6500 7999	*000-	4H <5/4 E4Y HGI	
	5.6	2.2	2.6	1.0		3.7			• 1	. 4	. 6	. 3	.1				4.6	
AF	4.5	3.3	4.1	1.6		3.6	. 1		- 1		. 9		. 2	. 1	. 1	- 1	14.9	
Ε	9.9	4.7	6.5	2.*		3.6	. 1	- 1	• 3	1.7	1.4	. 7	. 3	- 1	- 3	• 1	10.5	
ŠĒ	2.7	1.7	3.1	1.4		3.*		•	٠ž	. 6	. 6		• 7	- 1	- 1	•	6.8	
Š	1.0	. •	1.8	1.0		4.1		•	• 1		. 5	. 2	• 1				3.2	
Š¥	.,		2.1	1.6		4.4	. 1		• 2	. 6	. 8	. 3	• 1	•		•	3.4	
-	2.2	1.5	2.9	1.5		4.1	. 1		. 2	. 7	1.0						5.4	
AV	3.7	1.8	2.3			3.7						. 2	. 1	•			7.2	
YAR	0.0		0	c		.0	.c	.c			9.	.c	.0	.0	.0	-0	•0	
CALM TOT OBS	5.2	2.1	2.9	.5	76515	3.1 3.7	•	•	-1	. •	.5	.2	.1	•	•	•	4.2	76515
tat PCI	19.7	19.4	27.7	13.2	100.0	•••	.5	. 3	1.3	5.2	2.2	3.2	1.3		. 3	.3	79.9	100.0

TAPLE 7

CUPULATIVE	PCT FREG	OF SIMULIANEOUS	3343490330
OF CEILI	NG HEIGHT	ENH 34/81 AND 1	ISBY (NP)

				VSRT IN	• •			
CEILING	95 0	2 CP	= CP	2 08	2 08	: 08	= 0R	: ()
(FEET)	>15	>5	>2	>1	>1/2	>1/4	75010	>0
E 00 >6500	.5	٠.	.6	.6	. 6		.6	
: OR >500C	. 9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
= CR >3500	2.0	2.3	2.3	2.3	2.3	2.3	2.3	2.3
2 CE >2000	4.8	5.3	5.4	5.4	5.4	5.4	5.4	5.4
= CR >1CCD	10.9	12.4	12.7	12.7	12.7	12.7	12.7	12.7
2244 \$2 =	14.7	17.3	17.7	17.6	17.9	17.9	17.4	17.4
2 CR >30G	15.4	18.4	19.0	19-1	19.1	19.1	19.1	19.1
= OR >150	15.6	18.6	19.2	19.3	19.4	17.4	19.4	19.4
= 08 ) D	15.6	19.0	19-6	19.8	19.8	10.0	19.9	19.9

PCT FREG NH CS/A: #0.1

TABLE 74

PEPCENTAGE FREG OF LOW CLOUDS LEIGHTHS)

C 1 2 3 4 5 6 7 6 055CD C65 23.9 18.6 16.5 12.9 8.9 5.9 5.2 3.9 5.9 .3 626CD

PERIOD: IFPIMATY) 10							ta	8 J.B				10E	, 0000 11	GUATE	COAST
		P	ERCENT	FREC PREC				AZ GCC.					€ OF		
(44) 8764		ħ	15	£	ŞĒ	s	54	•	**	YAR	CAL	PCI	TOTAL		
	PCP NO PCF	:	:	:	:	:	:	.c	:	3.	:	•1			
	101 1 PCP	•	•	•	•	•	•	•	•	.c	•	• 1			
	NO PCP	:	.0	:				:		.0	.c	.1			
	PÇI	•	•	•	•	•	•	•	•	.0	•	• 2			
1<2	101 1	:	:	-1	:	:	:	:	:	•0	:	.1			
2<5	PCP NO PCP	:	. i	.1	.1	:	• 1	-1	.1	.0	:	. 5			
	101 1 PCP	.1	.1	•2 •3	.1	.1	.1	.1	.1	.c	•				
\$<10	NO PCP	:6	1.5	1.3		.;	.;	.7		.c	.?	6.3 7.7			
10*	PCP AD FCP	10.7	2	21.5	2.9	.1 2.9	• • • •	.3 7.7	.1 5.1	.0	•.•	1.5			
10.	107		1002		:::			7.5				61.1			

TOT 055 TOT FCT 11:6 17:7 23:7 \*.0 4.7 5.6 8.5 9.6 .C 10:3 100.0

4547 (44)	SPD KTS	×	NE	ε	SE	\$	56	i.	**	AVD	CALP	PCT	TOTAL
	0-3		•			•	•	•	•	.0	•	•	
1/2	4-10				•	•	•		•	.0		-1	
	11-21	•		•	•	•	•	•	•	.0		•	
	22+	•		•	•0	.0	•	.0	•	.0		•	
	101 2	•	•	•	٠	•	•	•	•	.0	•	•2	
	0-3	•	.0		40	.0	•	-0	•	.0	•	•	
/2<1	*-1C	•	•	•	•	•	•	•	•	•0		•	
	11-21	•0	•	•	•	•	•	•	•	-0		•	
	224	-0	•	•	-0	٠.	•	•	•0	.0		•	
	101 z	•	•	•	•	٠	•	•	•	.c	•	-1	
	C-3	•	•	•	•	•	•	•	•	•0	•	-	
1<5	4-1C	•	•	•	•	•	•	•	•	.0		• 1	
	11-21	•	•	•	•	•	•	•	•	•5		• 1	
	22.	•	•	•	•	•	•	•	•0	.0	_	:	
	101 5	•	•	• 1	•	•	•	•	•	.0	•	-3	
	0-3	•	•	•	•	•	•	•	•	٠0	.1	•2	
245	4-16	•	-1	- 1	•1	•	. 1	- 1	-1	٠.		.5	
	11-71	•	•	- 1	•	•	- 1	- 1	•	•0			
	22•	•	•	•	•	•	•	:	• 1	.0	- 1	1.1	
	TCI 1	- 1	• 3	•2	-1	-1	-1	-2	•1	•0	• 3	1.1	
	0-3	-1	-1	.2	-1	- 1	-1	- 1	-1	•0	. 8	1.7	
5<10	4-10		•5	. 7		+3	. 3	-5	• •	•0		3.5	
	11-21	-1	•3		•2	• 1	- 3	- 3	-1	•6		2.1	
	22.	:	. :	-1	•	:	• 1	:	.;	•6		3	
	101 1	.7	1.0	1-5	. \$	-5	.7	٠,	-,	•0	. 8	7.5	
	0-3	2.2	1.6	7.0	1.1	• 6	.7	1-2	1.5	.0	9.7	.0.9	
10.	4-10	7.3	9.8	11.7	3	2.7	2.9	* . 7	5.7	•0		49.8	
	11-21	1.2	4.5	7.3	1.6	.6	1.0	1.4	.9	+0		18.8	
	55.	1	*		. • 1	. :	. • 1	1	. :	•0	9.7	1.3	
	101 1	10.6	16.5	21.6	4-1	4.0	4.7	7.4	4.2	•0	4.7	¥0.8	
1	220 101												9673

ANNUAL

PERIOD: (PPIPARY) 1957-1979 16468-411) 1861-1979

TAPLE 10

ARCA DODO GUATEMALA SE COAST

#### EPCENT FREQUENCY OF CEILING HEIGHTS (FECT.NH )4/4) AND

HOUR IG4I)	149	153 299	300 599				3500 4999				1014L	AH 45/8 BAY HGT	
00603	. 3	•2		3.6	5.7	2.7	1.2	.4	.3	.3	15.6	24.4	21335
96504	. 6	.1	.•	4.2	6.0	2.6	1.0	.3	.3	.3	16.2	82.8	19196
12615	.7	.3	1.4	6.8	8.7	3.3	1.3		•2		24.:	75.0	19900
18621		.3	1.2	5.3	7.6	3.5	1.4	.5	- 3	. 3	21.0	79.3	21408
101									_	_			61639

146LE 11

1481£ 22

		PERCENT	FREQUENC	Y <b>Y</b> SBY	(44)	57 HOUD		CUMULAT					8587 (8°) 3.81 400°	
HCUR (GMI)	<1/2	1/2(1	140	2<5	scic	10-	TGTAL OBS	#0UR (G=1)	<150 <5010		<1000 <5		AH <5/8	TOTAL
00203	. 1	.1	••	. 9	5.5	93.3	2 - 38 6	06603	.3	1.4	5.7	10.7	83.6	20481
06869	.2	-1	.2	1.C	8.2	90.3	24464	06109	. 6	1.4	6.4	12.6	\$2.6	18344
12615	.2	.1		1.7	9.6	47.6	24023	12115	.7	3.6	10.6	14.5	74.7	19101
18621	.7	.1	-3	1.0	6.4	91.6	26654	14621	.5	7.1	4.0	13.8	78.2	20596
TOT	.2	.1	-3	1.1	7.6	90.8	99527 160.0	101 PCI	.5	2.1	7.8	12.4	79.8	74527 100-0

1.0 10.3 39.4 38.0 11.3

148LE 14

	P{P(	CHT FP	Coutec	Y OF #	140 DI	*£6110	W BY T	<b>""</b>	
5	SE.	€	SE	s	56		46	715	CALM
		•			•	•	•	.0	•
.:	.2	. 3	.1	•	•	• 1	- 2	.0	- 1
1.6	2.1	3.7	1.4		.5	1.1	1.3	.0	1.6
7.4	11.7	:6.0	4.2	3.0	3.4	5.5	5.*	-0	7.3
2.2	3.4	3	1.1	. *	1.4	1.6	1.4	.0	1.4
• 3	.2		•	•	•	•	•	.c	. 1
•	•	•	-0	٠,	•	•	•	.0	.0

T4\*1E 15

MEANS, EXTREMES AND PERCENTILES OF TEMP LOCK FI BY HOUR

HCUR	- a x	445	451	50t	51	11	# I %	MEAN	TOTAL
16711									025
00103	96	29	87	82	78	76	• 6	42-3	24670
93320	92	85	6.	41	77	75	64	40.9	25231
12615	95	6.5	8.4	81	76	7.		80.5	2+329
14621	97	- 1	8.0	63	78	76	6.8	83.5	27484
101	97	90	87	82	77	75	4.0	81.4	101714

TABLE 16

 ANNUAL

PEPICO: (PPIMAPY) 1952-1979 (CVE4-111) 1861-1979

APEA DODS GUATEMALA SW COAST

1001-1414						.,,,,						1114	. ,
FCI	FREC CF #12 11								CE OF		10U1 P	PECIPITA	11043
	AIR-SEA	65	69	77	77	-1	<b>#</b> 5	49	>45	101		40	
	1+0 016	6.0	72	76	*0	8.	48	*?			FOC	FOS	
	17/19	-0	.0	.0		•	•	•	•	11	.2	•	
	14/16	-0		• 2	-0	•	•	•	•	73	.0	-1	
	11/12	-c	.0	£	•	- 1	- 1	-1	- 1	235	.0	.3	
	9/13	.0	-0			- 1	4Z	-2	•	459	.c	.5	
	7/5	-0	.5	•	.1	. 3	. •		•	1084	•	1.3	
	<u>r</u> .	.0	.0	•	- 2	- 3	. 4	•2	•	490	٠.	1.0	
	5	.5		•	.2	. 6		. 3	•	1692	•	2.0	
		-0	•	•	. 3	1.3	1.3	. 3	•	2745	•	3.2	
	3 2	-0	•	- 1	- 5	1.4	1.4	.2	•	2950	•	3.4	
	2	.5	•	- 1	1.0	3.9	2.1	- 1	•	6144	•	7.1	
	1	•	•	- 1	1.5	4.5	1.8	- 1	٠0	6775	•	7.6	
	_	- 2	•	• 2	3.1	4.7	1.9	•	.c	12927		14.9	
	-1	.0	•	• ?	3.1	7.5	1 - 3	•	٠c	11356	•	13.0	
	-7	-0	•	-2	4.7	9.2	. 7	•	.5	12858		14.7	
	- 3	.0	•	. 7	3.#	5.6	.3	•	٠.	1646	•	7.4	
		•	•	- 3	4.0	4.2	-1	•	٠c	7544	•	8.6	
	-5	.0	•	• 2	2.7	2.3	-1	•	.0	4693	•	5.3	
	- <del>č</del>	.0	•	• 3	1.8		•	•	٠.5	25 <del>2</del> 7	•	2.9	
	-7/-5	-0	•	.5	1.5	•5	•	• 0	.0	2252	•	2.5	
	-9/-1C	•	•	- 3	. *	.1	•	• 5	.0	703	•		
	-11/-23	•	•	- 1	- 1	•	٠Ç	.c	.c	245	•	.3	
	-14/-15	•	•	•	•	•	.0	.0	•0	26	•	•	
	-17/-19	•0		••	.0	-0	-0	٠.	٠.٥	1	•0	•	
	TOTAL									6744C			

PC1 100.C 2.9 28.7 53.2 13.0 1.9 •2

PEP103- (046P-4FF) 1843-1474

TAPLE 15

DIRECTION VERSUS SEA HEIGHTS (FT)

PCT FREQ OF WIND SPEED INTS: #6T (1 1-2 3-6 5-6 7 6-9 10-11 12 13-16 17-12 23-25 24-13-6 41-6 61-7C 71-86 70-7 70 7 PCT 27-33 1.4 11-21 PCT 2-8 5-2 2-2 -8 -9 -0 -0 -0 -0 -0 -0 11-71 22-33 -6 4 1-1 0 -6 0 -7 0 -1 1 0 -7 34-47 300777111 0000000000 34--7 PCT 13.75.00 -0.00 H5T C1 1-7 3-8 5-6 7 6-9 10-11 17 13-16 17-19 20-22 23-25 24-32 33-88 41-88 47-80 61-70 71-88 

PE#10D:	toyEP	-4663	1963-19	79				a <b>b</b> a f	ARNUAL 16 (CONT)				12[1	9009 11-51	UATEMA V 91.	E SW COAST
				PC	FREC OF	SINC	SPEED I	A151	AND DIREC	IIC# AE	PSUS 51	E ME 161	.12 1.11			
				5								5.			PCT	
HST	1-3	4-10	11-21	27-33	34-47	45.	PCT		1-3	4-1C	11-21	22-33	30-02	48+ -D		
K51	1.3	.7	••••	·		.C	1.0		• ž	7	.3			ě	2.3	
1-2	.2	1.5	.7	.0	-0	.с	1.5		•2	1.4	.6	•	i.e	.0	1.4	
3-4	•	.7	.3	•	.¢	.0	1.1		:			•	•	.0	.7	
5-5	٠	-1	.2	•	•	.c	::		.0		.2	-1	.5	.0	.3	
7	.0	•	-1	:		.0	•:			•	•	•	•	•0	- 3	
4-7	•0	•	:	.0	::					.0	•	•	.c	.0	•	
10-11	.0	•0	٠.	.0	:3	:č			.0	.0	•	٠.	•0	.0	:	
12	٠ç	.0	:		.5		•		.5	.0	•	.0	•=	-0	.0	
13-16	٠.	.0		.5	2.	.c	.2		.0	.0	.0	2.	٥.	.0		
17-19		::	.0		.a	.c	.¢		.c	-0	.c	.0	.5	.0		
23-25			3.	.0		-0	.0		.0	.0	). ).	::				
26-32	.6	3.5	.5	.0		.¢	.0		.0	.5	::	-0		.5	.0	
33-40			.0	.0	. 3	-0	•5		.0			.6	7.	.0	.0	
41-44		.0	-C	.0	• 5	•0	٠.		::	.0	٠,٠	.0	.0	.0	.0	
49-60	.0	:0	2.	.0	.c	٠c	٠.		.5		.0	.0	.0	.0	.0	
61-70	-0	.0	.c	.0	• 2	.c	.0		:5	.0		-0	.0	.c	.0	
71-86	.0	.0	.9	٠.	.ç	::	.0		.č		.c	.0		٠.	0	
87.	-0	.c	.0	.0	**		4.5		.5	3.5	1.5	•1	•	.5	5.7	
131 PC1	• •	3.C	٠.	•	•											
												4.8				ICIAL
										9-10	11-21	22-23	34-47	45-	721	<b>₽</b> €₹
HST	1-3	4-10	11-71	27-33	34-47	48*	PCI		1-3	1.0	**	44-44	7		7.2	
G	٠.٤	1.2		•	.9	.0	1.0		.7	3.1	. 3	.:	9.	.0	3.9	
1-2		2.7	,5	.0	.0	٠.	3.7		::	1.0	. 5		.c	.0	1.5	
3-4	- 1	1.2		•	.0	.0	2-1		•		.7	•	•=	.0	. 4	
5-6	•	-3		•	٠.5		.3		.0	•	-1		•€	.0	-1	
7	.0	•		.1	.0		.í		.0				•0	•5	:	
6-4	.0	•				::	•		.0	-0	•		• 2	-5	:	
10-11	-6	.0		.0			•		.c	.0	•		2.	.0		
12	.0	.0				.5	•		.0	.0			2.		.0	
13-16	:0	::				.c	.5		.0	.0					.0	
20-22						.0	.0		.0	.0						
23-25						.0	.5		•6	.c					.0	
26-32			0			.c	٠.		.s	::				.5	.0	
33-46	.5		0			.0	.0		.0	:5						
41-48	.0	.:	0			.0	٠.							-0	.5	
49-6G	.0					.0	.0		::					.0	.0	
61-70	.0					.0								-0	-0	
71-96	٠.					ž:	.5		16	.0				.=	.0 4.3	98.6
47.						::	6.5		1-2	5.1	1.2	1	c	.5	4.3	-0.0

	£140	SPEED	t = TS }	42 2E4	₩E 16#7	(**)		
<b>451</b>	£-3	4-10	11-21	55-22	34-47	49*	PCT	161
(1	14.4	10.8	- 3		.0		25.4	
	•.0	27.6	5.2		-0	.0	36.8	
1-2			*.1				23.1	
3-4	• •	17.1					V.3	
5-6	- 2	2.7	5.5				3.2	
7	-0	- •	2.2				1.5	
8-9	.5	- 1		.3				
10-11	-0	.0	•2	.2			••	
12	.0	.0	•	•	•		. 1	
		.0	.1				- 1	
13-14				٦.			•	
17-19	-0						.0	
26-22	.c	.c						
23-25	.c	.0	.0					
26-32	.0	.5	.0					
33-42	.c	.0	.0				.с	
41-48		.0	٠.				.c	
49-62		.5	.6	.0			.c	
	:6	.5	.ć				.=	
61-72								
71-85	.0						.0	
67-	.0	-5	٠.	•••		•		25431
101 961	19.5	53.7	24.3	2.0	o .:	1 .0	100.0	

PEP10:	): (\$¥	[e-st	154	9-1975			EFNET G		TABLE E METE	19 MT (FT)	<b>75</b> W	144C PC	<b>*</b> 100 (	ISECCN	51						
		1-2	7.5	5-4	7		10-31	12	13-14	17-19 2	0-22	23-75	26-32	33-40	41-45	49-60	61-70-	71-86	27+	TOTAL	PEAN
PE#100	< 1	1-4	,		-	-									_		-			3+213	3
(372)				-			-3	-1	-1	•	•	-0	.0	.0			•=			15436	•
<6	4.1	14-8	16.3	4.5	2.2	.7						•	.0	.0	-0	.0	.0	•0	.0		- 1
4-7	-2	2.4	7.4	5.9	3.C	1.2	•5	• 3		_			.c	.0	.c	-9	٠.	٠.	-0	434	:
9-9	-1	.,	2.5	2.4	1.6	.7		-1	• 1		- 1			.5	.0	-0	.0	.0	.0	25 17	,
	3.		.,			-3	-1	•	•	•	•	-					.0	-0	.0	1147	5
10-11				. 5	.3	• • •		•	•	•	•	•	.0				.5	.0	.0	505	7
12-13	.3	.5	-7				_			.c	•	.5	.0							957C	,
>13	-0	•	-0		- 3	-1			-		•	.0	.0	-0	٠.	.0	-0	•=			:
INCET	4.1	1.4	2.0	1.Z	.5	-2	-1	•	•	-			4 -							41817	
TOTAL		***	***	14.4	4.0	3.2	1.5	.5		.1	-1	•	.0	.0	.0	.0	.3	.0	٦.	130.9	

PEPIOS: (PRIPADY)							TAPLE	20				4.0			TEMALA SW COA	ST
				PERCEN	T FFEG	U54C1	of occ	URREN	CE OF	SE4 16=	P 10EC	F1 67	PCSTH			
•	F4 T=6	34%	f = +	-40	450	414	JLN	JUL	202	SEP	OCT	NEV	CEC	488	PCI	

SEA 1-P	JAN	**	-10	450	*4*	JUN	JUL	405	SEP	001	*CA	CEC	444	PCI
				_	_	_	_	_	_	_	_	_	_	_
64.	2.	•:	• 0	•Ē	.с	٠.	.0	.0	.5	.5	a.	-c	0	.0
65/94	.0	.0	•	· C	•	.0	3.	•1	•			•0		•
+3/++	•	•	•	-1	-1	- 1	-1	- 1	-1	•	- 1	.0	53	-1
11/92	:	•	•	3	3.9	1.6	1.1		::	-1	-:1		170 1160	1.2
46/90	-1	• 2		2.2		7.2		1.6						
67/45			7.9	10.0	17-1		5.3	4.0	5.4	**1	3.5	1.4	5392	5.7
45/4E	6 . A	4.3	12.7	24.5	32.	27.2	20.1	22.0	22.1	17.6	15.3	9.0	17457	18-6
A3/84	17.4	10.2	24.1	24.4	27.4	34.0	35.7	32.7	34.5	32.0	28.8	24.2	27075	28.8
81/42	34.4	35.4	30.2	10.2	13.	27.9	29.4	26.1	26.1	29.9	32.4	32.2	25779	27.4
79/20	22.3	22.7	13.3	4.3	3.1	5.1	7.5	1.6	7.5	1C.9	12.5	7.6	10200	10.9
77/7*	11.0	4.7	5.6	3.1	.;	1.2		-5	1.6	3.2	1.7	3.7	1636	1.7
75/76	3.5	- 7	3-1			.2	::	.2	.3	.;	1.3	1.4	705	1.1
73/7*	2.5	2.4	1.3	•	• 1	• • • •	•				::		257	
71/72	• •	1.1	• 5	-1	:1		:	.1	٠.	.1	• • •			
49/72	- 3	.3	• 3	.0	.0		3.		3.		:	::	33 33	
67/65	-1	• ?	:				.5	.5	.č			• • •		- 7
45/66	•	.c		•0	• :						.0	:	•	
63/64	2.	•	.c	.0		٠.		.0	-0				3	
61/62	.0	•0	2.	-0		-0	:6				-0	-0	0	
59/60	•0	•0	• 9	.0	•6	-6			-0	-0	.0	-0	¢	- 5
57/58	.0	•0	•0	.0	-5		-ç	• • • •	٠ç	.0	•3	-6	0	.0
55/56	.0	.0	-5	•5	• 5		•¢	•€	.¢		.t	-5	0	
53/54	.0	.0	•0	7.	•6	-0	.c	.0	-6	.5	.0	-0	0	• 9
51/52	•6	•=	•5	٠.	••	.c	.0	• • •	.0	•0	-3	• 2	E	• •
49/50	э.	.5	'n.	•¢	.0	•0	٠.	•0	-0	.0	.5	•0	¢	- •
47/42	.c	•6	-0	·¢		.¢	.0	•0	•c	.0		.5	0	
45/46	٠.	•6	•0	2.	•5	.0	.0	•5	•0		-0	-0	Ē	• 5
43/44	.0	•5	.0	٦.	::	.0	.0	.0	.0	.0	.0	•0	0	
41/42	•0	• 6	• 0	•0		•0	.5		•0	•0	.0	.0	0	
29/40	.с	٠.	-5	.0	·ŗ	-5	-0	3:	-9	.0	.0	-0	0	- 5
37/3*	.:	.¢	٠¢	.:	-5	•0	.5		.9	.0		.0	0	5
35/36		.5	-£	-6	.0	.0	-6	-5		.0	3.	-0	9	•9
33/3*	- 5	.9	•0	٠.	• 2	••	0.0	٠.	٠.	.0	-0	-5	0	• •
31/32	.c	٠ŗ	-5	.5	•5	-5		•¢	·ē			-9		
29/30	.с	.0	.0	2.	•0	-c	-5	.0	-5	.0	-5	-5	0	• 5
27/25	.0	ē.	.0	•5	•6	-0	.0	•5	.5	.0	•0	•6	9	-1
<27	c	2.		.0	7.						7.		0	
TOTAL	714C	7157	5066	7566	9855	#371	8334	7951	7401	7733	7533	4444	93947	100.0
PFAS	82.6	62.7	82.0	63.7	24.7	83.7	43.3	83.4	83.2	42.5	12.4	41.4	92.6	

#### TABLE 21 PRESSURE (PR)

			**	<b>EB46E</b>	BY MCU	6.00	;;			
										TOTAL
-6	5003	2356	2430	C+0C	1300	1500	1800	2100	-£14	025
Jir	1011	1012	1917	1011	1012	1317	1013	1210	1017	7267
FEE	1015	1011	10:2	1011	1012	1017	1013	1011	1012	7314
-14	1515	1011	1012	1010	1011	1012	1012	1010	1011	9254
492	1710	1011	1011	1010	1011	1012	1012	1010	1011	2197
-27	1504	1010	1011	1009	1011	1011	1011	1004	1011	9139
30%	1017	1013	1011	1010	1511	1011	1017	1010	1011	6651
JUL	1010	1011	1012	1010	1211	1311	1212	1010	1011	£600
AUS	1010	1011	1012	1010	1011	1011	1212	1010	1011	8287
SEP	1212	1011	1011	1010	1010	1011	1311	1010	1011	4051
ČÉT	1010	1011	1011	1009	1011	1011	1011	1004	1011	PC17
SCT	1015	1011	1012	1010	1011	1012	1012	1010	1011	7575
DEC	1011	1012	1012	1010	1017	1012	1012	1010	1012	7143
444	1015	1511	1012	1010	1011	1612	1012	1010	1011	****
085	22677	1225	21574	1472	21404	Z236	23068	1784		

## PEPCENTILES

-0	-1*	15	52	75%	SCZ	752	452	492	*17
JAY	966	1056	1036	1011	1617	1013	1015	1716	1023
F [ 4	444	1005	1000	1010	1012	1013	1015	1017	1023
-14	297	1005	1004	1010	1011	1013	1015	101e	1022
	1000	1006	1004	.010	1011	1012	1014	1015	1021
-17	996	100-	1007	1000	1311	1017	1214	1015	1021
JUN	1001	1024	1004	1010	1011	1017	1014	1015	1022
JJL	992	1004	1000	1010	1011	1012	1014	1014	1022
AUS	444	1005	1004	1010	1511	1012	1010	1014	1022
260	1661	1005	1004	1069	1011	1012	1014	1015	1020
139	111	1065	1000	1010	1211	1012	1514	1015	1020
RCV	444	1054	1500	1010	1011	1013	101=	1314	1070
232	1000	1056	1004	1212	1017	1513	1015	1017	1023

JANUARY

PERIOD: (PRIPARY) 1957-1979 (CVER-ALL) 1871-1979

TABLE 1

APER COID WICARAGUA SW COAST

PERSILI	FREEUFACY	ČF	LFATLED	CCCURRENCE	**	. 143	DIRECTION

			•	RECIPI	14110	TIPE					07H[*	**************************************	PHENC	mE %4	
MAD DIE	ajin	PAIN SHER	DRZL	FRIC	5504	OTHER FRZN PCPN	MAIL	PCP4 AT 08 TIME	PÇPN PASI MCU <sup>D</sup>	INDP LINS	FOG BO PCPM	FOG HO PCPN PAST HP	SMC4E MAZE	SPPAT BLMS DUST BLMS SHOW	
4	-2	.1	.2	٠.	.0	.0	3.	-5	-1	. •	.3	.0	1.0	•0	+7.3
34	.1	-1	43	.:	.2	.0	•	• 3	.1	. 3	-1	.1	1.4	.7	47.5
(	- 2	-1	-1	.0	.0	-5	-1	•5	-1	.=	- 1	.0	1.4	.0	97.9
3.6	.0	.5	- 3	.5	.0	•¢	.5	4.5	.5	1.1	.0	.0	1.4	.5	45.9
5	1.0	1.5	1.4	.ţ	.0	.5	.5	*.2	.5	.5	.0	.0	1.1	.0	44.2
56	. 7	1.5	.2	.0	-0	. 3		2.4	1.4	1.2		.0		.0	94.6
	-2		• 1	- 0	.0		.0	1.0	.,			.9		.2	46.6
76	.0	.2	.2	.0	.5	.5	.0		1-0		-2	.0	.3	.0	47.8
YAF	.0		.0	.0	.0	.3	.5	.0	٠.	2.5	.0		.e	.0	.0
CALP	-2	.2		-5	.0	.5	.5	••	.7	1.2		.c	7.5	.5	44.5
101 PC1 1C1 C85:	.2 6101	.3	•2	•ë	.:	.0	•	•7	.•		-1	•	1.7	-1	16.1

TAPLE 2

#### PERCENT EPECUENCY OF MEATHER OCCURRENCE BY HOUR

						-									
			•	PECIPI	TATE	* 11PE					01+64	* <b>LESTHE</b> *	FHERD	MESA	
ICA11 .	MITE	PAIR Small	₽₽ŞF	F426 FCF1	540-	93419 4593 9698	PAIL	PCPN AT DE TIME	PÇPN PAST NCUB	1400 1146	FOG NC PCPN	FOS MO PCPN PAST HR	SPORE	SPRAT BLUE DUST SPRAT	
02603	.3	-3	-1	٠.	.:		٠.	. 6	-1	. 3		.0	1.4	.2	97.2
CALON	-1	- 5	- 1			-5	-1		.5	1.5	.2	.0	- 5	.0	46.5
12615	.3			.5		-0		.7			. 2	. 1	1.5	- 1	94.5
18651	-1	• 1	-2		٦.	.0	.5		.5	.5	-1		1.3	-1	47.5
101 PC1	2	.3	•5	.=	-=	.0	•	.7			-1	•	1.2	-1	74.7

#### ....

#### PERCENTAGE PRECUENCY OF MIND DIRECTION BY SPEED AND BY MOUR

		£11	SPE	(0 (450	153								HCU*	15*11			
PWG DIS	C-3	*-10	11-21	52-33	14-67	44*	240 240	PET	PEAR 190	CO	72	S.	C+	12	15	18	71
ĸ	2.2	***	5.5	.5	-1	.2		16.6	9.7	15-2	17.4	13.9	17.6	19.7	18.7	18.C	19.0
ME	1.7	11.4	1 *	3.3	-3	- 1		31-1	13-2	24.3	27.0	25.5	32.4	34.2	33.5	37.4	32.2
£		4.5	5.4	1.3	•	•		12.7	12-8	11.5	11.3	14.4	11.5	13.4	*.1	12.4	4.3
3.5	.7	1.4		•	.5	•		3.5	7.2	3.9	3.*	3.4	1.4	2.1	3.4	2.4	7.2
3	.7	2.0	- 3	•	-0	-0		3-1	6.2	5.5	5.*	3.2	2.7	1.2	2.6	2.4	3.6
42	1.1	2.0	. 5		.5	-5		*.*	9 • Z	7.1	4.6	4.4	5.1	3.2	4.0		
	2.3	7.2	.7	.5	•			13.7	6.2	13-2	8.1	12.7	4.4	7.7	7.5	7.9	12.4
<b>N</b> 8	1.6	6.4	1.5	•	.c	.0		4.1	4-5	8.£	12-9	1.4	17.4	4.5	:3.7	5.7	11-3
TAR	.0		.0		.0	.5		2.	.0	.0	.0	.0	3.	.0	.2	.0	.5
CILM	4.6							7.4	.5	4.4	11.2	13-1	12.2		5.2	4.1	*.*
TOT CBS	1454	3124	1952	342	31	6	6444		4.3	1947	170	1571	1.0	1434	250	1134	164
TAT BET	10.4	45.1	78. 1	5.7		- 1		100.0		100.0	100.0	100-0	100-0	100.0	103-3	100.0	162.2

\*1615 14

		-140	37660	(KRSTS)						<b>#58</b>	16-1	
STO SE	5-6	7-16	17-27	28-4C	.41+	TOTAL	PCT	-[14	50	36	12	18
						¢ë s	F#EC	200	£3	64	15	21
*		7.9	2.0	-2	•		16-8	9.7	15.0	19-1	14.6	18.1
*E	6 - 3	15-5	4.1	1-1	-1		31-1	13-5	26.3	25.9	34.1	37.3
E SE	3.1	5.7	3.3		•		12.7	12-4	11.0	14.6	12.6	12-1
SE	1.4	1.5	-2	•	•		3.5	7-2	3.9	3.4	2.3	2.0
\$	2.2		-1	•	.0		3.1	6.2	5.5	3.1	1.5	2.5
3-	2.9	1.4	.1	•	.5		4.4	6.2	7.0	4.7	3.4	2.7
	4.5	3.4		-0	-		10-3	6.2	12.4			
74	5.7	3.3	.1	•	-0		4.1	4+5	0.5		10.1	9.0
843	3.		. 3	.0	.c		-0	.5	.0	.0		.0
CALF	9.5						9.6	•0	9.4			7.7
TAT CAS	1124	2737	<b>973</b>	121	17			1.3	1614		1684	1923
Tot ert		10.0	14.7			•	150.0			100.0		

JANUARY

1516b-1ff) 1-11-1414 b[b[cp: (+c]-741) 1425-1414

TAPLE .

APEN COID MICARAGUA SE COAST

PERCENTAGE	FFECUENCY	ÇF	#: ND	SPEEC	ŧ۲	>36 <b>₽</b>	45mT 1	
------------	-----------	----	-------	-------	----	--------------	--------	--

				-150	5*LEO 1	*20131			PC1	1014
<b>4502</b>	CAL"	1-3	15		22-33		44-	~ <u>{</u> 14	***	592
07403	5.6	13.5	31.2	22.3	3.0	.5	-1	4.1	100.0	1618
SALCE		12.2	. 24.3	25.4	<.6	- 5	,Ę	4.7	100.0	1714
12415	6.5	Ť.S	44.0	29.5	+.1	.5	-1	4.4	166*8	1664
14621	7.7	10.5	-0.0	34.4	6.5	.3	•2	12.3	100.0	1423
101		745	3124	1962	342	31	ŧ	9.3		6444
PCT	5.6	11-3	45.1	26.3	5-2		*:		100.0	

TAPLE 5

148LE 6

			_	-														
,	act take of 1013f etane maent (Eleutus)							PERCENTAGE SPECULARY OF CEILING HEIGHTS SETUMN 34/AS ALC DECURRENCE OF AH CS/S AV WIND DIRECTION										
E45 516	ç.,	!• <u>•</u>	4-7	e L CESCr	TOTAL CES	2016 6760 117	100	150 299	300	622 959	1666	2303 3449	1500	5000 4499	6552 7969	*::::	SH (5/8 ANY HST	
	11.5	2.5	2.1			2.5		.e	-	-2		.:	-1	-1	.1	-1	34.C	
ŝε	23.3		2.4			1.4	•		.1			.:	-1	-1	-1	-1	30.0	
**			1.2			1.6			.e	-2	.2	- 1	.1	•			32-2	
€	4.6	1.7					.0		•				•		.0	.0	2.5	
SE	1.4	••	- •	-1		5.4	• • • • • • • • • • • • • • • • • • • •	•-	-		.1	-1		.0	Ĵ.		2.4	
5	1	٠.	.7	••		3-5	_		-							.0		
5.0	2-1	1-1	1.0			3.1	•	٠.	•	-2	• 3	• 2	-			•••	9.0	
	5.1	2.5	1.*			2.7	•	•		-2	.5	•2	-1	•	•	•		
1.0	5.1	1.7	1.5	7		7.4	.5	٠.	-1	-7	- 2	- 1	.1	.1	-1	- 3		
TAF		3.0				.0	.5		.=	- C	.0	.0	.0	.c	.0	.5		
		1.0	1.5			7.2	.5		•	-2		• 2	-:	•	-1	-1	2.7	
CAL-			640		5275	2.5			16	2.4	126	62	3+	17	17	14	4693	SCAS
101 065	3354	**				***		.1	.;	1.7	2.7	1.2		.,		. 1	92.2	100.0
101 PCI	64.1	17.4	: 3 - 5	3.1	100.0		• •	• :	.,				•					

TABLE 7

# CONTRACTOR PROFESSION OF SEPTIMENTS OF SERVICES OF SER

			-	WERT LO	1			
CERTINE	T 05	= ce	: £#	2 0#	2 92	2 55	7 04	= 02
iff!;	215	>5	>2	31	>1/2	>1/4	>5010	>¢
: ca >+505		.7	.7	.7	.7	-7	.7	.7
1 68 35000-	- 6	1.5	1.0	1.2	1.0	1.0	1.5	1.0
: 03 22523	1.5	1.4	1.6	1.4	1.6	1.0	1-6	1.4
= 64 >2000	2.4	2.4	2.1	2.8	2.6	2.4	2.4	2.8
: 62 31000	5.1	5.5	5.4	5.0	5.0	5.4	5.6	5.4
1 64 3450	1.1	7.2	7.2	7.2	7.2.	7.2	7.2	7.2
2 22 222		7.4	7.3	7.5-	7.5	7.5	7.5	7.5
: (4 )153	4.7	7.5	7.4	7.4	7.4	7.4	7.4	7.6
1 24 > 3	7.5	7.7	7.0	7.4	7.6	7-4	7.4	7.4
TCTAL	353	247	403	454	425	425	425	+55

19:AL TUTEER OF CSS: 5144

PCT F2CT NH C5/8: 42-

14812 74

## PERCENTAGE FREE OF LEW CLOUDS IEIGHTHS)

0 1 2 3 4 5 5 7 F 085CC 085 41.2 24.1 13.0 4.8 4.8 254 2.2 1.7 1.4 -1 5457

		•	PERCEN	9399 I	OF .IN	3410 C 14 /01	CIION IN VA	VS OCC	URRĒNC ALUES	E CR N	04-0C	CURPENO TY	£ OF
4564 (58)		,	NE	£	se	3	5 %	٧	N.V	VAP	CALH		TOTAL
	PCP	.0			.0	+0	ū	.0	.0				085
(1/2	NO PCE	.0		.0	.0	.0	ö.	.0	• •	.0	.0		
	101 1	.0	•			,ă	.,	ě.	:	.0	:	•••	
	PCP	.0	.0	.0	•0	•0	.0	.0	.e		_		
1/20	NO PEF	٠.	.0	.č						.c	•0		
	1 101	• 0	. č	.0	. 0	•0	ě	.0	o.	2.	•0		
			**	•••	••	• • •		• 0	• 6	.0	• C	٠.	
	PCP	.0	. 5	.0	•0	.0			•0	.c	- 0	,	
1<5	NO PCF	• 0	•	.0	.0	.0		.0	9.	.č	•	•	
	tot z	•0	•	•0	.0	.0	•			.0	÷		
	PCP		.0	.0	.0	.0	.0	٠.0		_	_		
2<5	NO PCP	•	1	.0	•	.0	• • •		•0	٠.	-0	•	
	TOT 1		i.i	.0	•		:	:	• 1	•0	• :	• 2	
	• • • •		• • •	••		••	•	•	. 1	• €	-0	.3	
	PCP	•	•	•	.0	.1	-1	• 1	.0	.0	.0	.3	
5<10	NO PCD	. 6	.9	• 3	. 1	. 2				·:	.;		
	101 1	.6	• 9	. 3	• 1	• 2	.3		. 3	::		3.4	
	PCP					.1						_	
10.	NO PCD	15.9	30.0	12.6	2.8	2.9	4.2	9.6	4.7	•0	. :	* 3	
	TOT 1	15.9	30.0	12.6	2.9	3.0	4.3			•0	8.8	95.5	
			****		e . y	3.0	***	9.6	8.7	.0	4,8	95.8	
	101 085												6083
	TOT PCT	16.6	11.0	13.0	1.7	1.5		10.3		•	4 -		0003

74815 6

							TABL	E 9					
				PERCE	T FREC	OF LI	ND DI	RECTION	V VS BI	NG SPE ITT	73:		
V587 {N#}	SPD NTS	*	٧E	ŧ	SE	5	S=	-	45	VAR	CALH	PCT	TOTAL
	Q-3	٠.	.0	•0	.0	.0	.0	_	_	_			095
(1/2	4-10		.0		.0		.0	.0	.0	•0	•		
	11-21		•				::	٠,	•	•6		•	
	22+			• • •			:5	:6	٠.0	-0		•	
	TOT 1	•	•	•		.0		.0	.0	•0		.1	
	0-3	υ.	.0	•0	.0	.0	.0	٠.	.0	.c	.0	.0	
1/2<1	4-10	.0	•0	•0	•0	.0	.0	.c		.0	••	2.0	
	11-21	.0	٠.	.6	.0	.0	.0	ā.	.0	.0		.5	
	22+	.0	•0	•0	.0	.0	. 0		.0				
	TOT 1	.0	•0	•0	• 0	.0	•0	• 6	•0	·c	•0	.5	
	0-3	.0	.0	•0	•0	.0	•	•	.0	.0			
1<2	4-10	•	• C	•0	• 0	.0		.c		• 0			
	11-71	.0	•	• C	•0	• 0	.0	•0	.0	, č		•	
	22.	•0	.0	-0	•0	•0	.0	•0	.0	.0		•0	
	TOT 1	•	•	٠0	•0	.0	,	•	•	•0		-1	
2<5	0-3 4-10	.0	•	•	•	.0		•	.0	.0	٠.0	.1	
415	11-21	:	:	•	•0	•0	•	•	• 1	-0		• 2	
	22+	.0		•	.3	.0	-		.0	• C		•	
	101 1		•	.0	٠,	•0	.5	د.	•0	•0		•	
		•	• 1	•	•	-0	•	•	- 1	•0	.0	• 3	
5<10	0-3 4-10	.1	•	.1	•	•	• 1	.1	•	.0	.5	. 9	
3110	11-21		.4	•1	• 1	• 2	• 1	. 4	•2	• 3		1.8	
	22.	**	::	• •	٠.٥	:	• 1	•	• 1	.0		.9	
	TOT &	.6	: 5	. 3	.0	•0	•0	•0	•3	•0		. 1	
					• • •	+2	• 3	.5	-3	•0	• 5	3.7	
	0-3	2.0	2.4	.7	. 6	. 7	1.0	1.9	1.7	.0	8.8	18.8	
10+	4-10	8.1	11.2	4.8	1.7	1.9	2.7	7.6	6.0	.c	•••	43.3	
	11-21	5.3	14.0	5.7	.5	• 3	. 4	. 8	• • •	.0		27.5	
	55.	.6	3.6	1.4	. 1	• 1	•		• 1	-0		5.8	
	101 1	15.9	30.1	12.7	2.8	2.9	4.1	9.6	8.7	.0	8.8	95.7	
1	01 095 01 PCT	16.5	31.2	13.1	2.9	3.1	4.4	10.2	9.1	•0	9.4	100.0	6421

VGARRABI

1001934	(PRIMARY)	1952-1979
	44444-1111	1471-1073

TABLE 10

AREA DOIO NICARAGUA SW COAST 9.6N 86.8W

PEPCENT PREQUENCY OF CEILING HEIGHTS (FEET, NH )8/8) AND OCCURRENCE OF NH (5/8 BY HOUR

					• •	•							
HOUR (GPI)	0^6 149	150	300 599	999 600	1000	2000 3499	3500 4999	5000 6479	65CD 7999	\$C00+	TOTAL	NH (5/8 ANY HGT	OBS
00603	. 1	.0		.7	2.2	٠.6	1.0	. 3		.3	7.0	93.9	1349
06609										.5			1332
12615										.1			1353
18621										. 3			1391
tot													5425 100.0

TABLE 11

TABLE 12

					•			COMIN AT	THE PCT	FPEC	OF PAN	GES OF	VSBY (NH)	AND/OR
		PERCENT	FRECUEN	CY VSRY	(47)	AY 40UP			CEILIN	6 HG1	(FEET,	NH 34/8	),8Y HOUR	
+0UP (G=1)		1/2<1	1<2	2<5	5(10	10+	TETAL OBS	HOUR (GMT)	<150 <5010	<600 <1	<1000	1000 + AND5 +	NH <5/8 AND 5+	TOTAL
00003	. 1	.1	.2	.5	3.9	95.3	1571	00103	• 2	. 6	1.5	5.9	92.6	1272
CPECA	.1	.0	•1	•2	4.6	95.0	1615	06609	.3	.5	2.3	5.7	92.0	1580
12015	.2	.0	•1		4.0	95.3	1637	12615	.1	1.0	3.9	6.3	\$9.5	1303
18621	.1	.0	.1	.2	2.5	95.9	1751	18621	. 1	. 5	2 • 1	4.3	93.6	1335
101		1	6	22	249	6287	6574 100-0	101	10	35 . 7		287 5.5	4784 92.0	5199 100.0

APLE 1

				1,	MELE 13	,				
	PERCE	NT FR	EQUENÇI	07 91	LATIVE	HUPI	)	r TEMP	TOTAL	PCT
EHP F	C-29	30-39	40-49	50-59	60-69	70-79	<b>#0-89</b>	90-100	055	FREC
95/99	.0	٠.	.0	• 1	.0	.0	:	.0	5 90	• 1
90/94	ç.	.0		:1	2.8	2.0	.6	-1	360	52.3
15/79	.0	.0		1.0	8.6 1.3	25.5	17.8	3.2 7.3	1962	36.2
70/74	.0	.0	.0	.0	.0		1.5	2+1	210 5	3.9
TOTAL	.0	0	13	120		2032	1846	691 12.8	5413	100.0
PCT	.0	•0	• 2	2.2	13.1	• • • •				

T=8LE 14

	PERC	ENT FRE	CUENCE	OF WI	ND DI	RECTION	8 BY TE	RP	
	<b>NE</b>	€	SE	s	Sh	¥	NW	VAR	CALM
.0 .1 1.0 8.7 6.3	.1 .2 1.9 13.6 13.6	.8 6.8 4.7	.2 1.8 .8	.1 .3 1.8 .9	.0 .2 2.8 1.3	.0 .1 .5 6.5 3.1 .1	.0 .2 .9 4.9 2.5	.00000	.0 .1 .8 5.3 3.0 .3
16.6	31.3	13.0	2.9	3.1	4.4	10.2	4.6	.0	+.5

TABLE 15

	HEANS,E	XTREM	S AND	PERCEN	TILES	OF 1E*	101	G F) A	Y HOUR
HOUR	MAX	991	951	501	52	11	MIN	NEAN	TOTAL
(GHT) 00603 0660* 12615	67	88 84 85	85 82 82	81 79 79	75 75 74	73 72 71	65 68 66	80.5 79.1 74.7	1659 1756 1710 1945
18621		91	86	80 83	76 75	73 72	68 65	81.8 80.1	7070

ноич	0-29	30-59	60-69	70-79		90-100	MEAN	TOTAL
(GMT) 00603 06609 12615 18621 TOT	.0	2.5 .5 1.1 5.8 136	12.9 7.0 9.5 22.6 726	40.5 33.4 33.6 41.3 2074	32.7 41.7 38.2 24.6 1903	11.3 16.9 17.5 6.0 718	79 81 81 75 79	1366 1375 1397 1417 5557

JANUARY

PEWIOD: (PRIMAPY) 1952-1979 (OVER-ALL) 1871-1979

TABLE 17

AREA OCIO - NICARAGUA SW COAST

PCT FREO OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOR INTIMOUT PRECIPITATION)

		15 A)	R-SE	Y IEM	COATC	ME DI	FFEPE	MCE IDE	(G F)		
414-524	65	69	23	77	81	85	69	392	101		40
TWP CIF	68	72	76	65	64	88	92	-		FOR	FOG
17/19	.0	٠.	.0	.c	.0	.0			2	.0	•
14/16	.0	.0	. ?			- 1	•	•	6	• 0	• 2
11/13	.0	.0	.0	- 1	•2	. 2	. 1	. 1	36	٠.٢	.7
9/10	.0	.0	.0	. 3	. 5	.2	- 1	•	66	. c	1.2
1/8	. 6	·c	. 1	.5		. 6	. 3	*¢	106	.0	1.9
6	.0		. 2	•6	.6	• 3	- 1	.c	104	·c	1.8
5	.0		. 4	1.1	1.0	.6	• 1	٠.	192	•	3.2
4	. 5	- 1	. 6	1.4	1.7	. 7	. i	.0	259		4.6
,	.0	• 1		1.4	1.5	. 6		·c	268	•	4.7
2		. 1	1.1	2.4	3.6	1.1	.0	.0	475		8.3
1		. 1	1.3	3.0	4.1	. 7	. c	.0	519	٠.	9.2
ŕ	•	.2	1.3	6.0	A.4	. 5	.0	•0	616	•	14.4
-1	٠.			5.1	5.6	• 1		.0	639		11.6
- ?	•			7.6	4.7	.1	٠.	.0	746	•0	13.2
- 3	.0		,,	5.0	2.2	٠:		.ŏ	453		8.0
	.0	- :	1.0		1.0		.0	.0	429	•	7.6
- 5	.0	. 1	4,	2.7	Ä	.0	-0	.č	237	.0	4.2
-6	.0			1.4	. 3	-0		.0	140	.0	2.5
-7/-A	•	. 1				• 0	.0	.5	102	· é	1.6
-9/-10		- 1	. 4	. 3	- 1	.0	.0	č	40	.0	.,,
-11/-13	.0				.0	.0	9.	.0	16	.ó	.2
-14/-16	.0	.0	:	:0				.0		ě	
TOTAL	- 3	•••	654	•••	2027		54	••	•	7	5656
	-	55	٠,-	2528	LULI	332		7	5663	•	3030
PCT	- 1	1.0	11.6		35.8	5.9	1.0	•1	100.0	- 1	99.9

PERIOD: (0VER-ALL) 1963-1979

TABLE 18

PCT FPEC OF WIND SPEED (KIS) AND DIRECTION VERSUS SEA HEIGHTS (FT) 22-33 22-33 11-21 2-1 5-3 4-7 2-7 1-1 0-0 0-0 0-0 0-0 14-4 HGT - (1 - 2 - 3 - 9 - 5 - 6 - 7 - 8 - 9 10 - 11 - 12 13 - 16 17 - 19 2 23 - 25 26 - 32 3 - 80 41 - 88 49 - 80 61 - 70 71 - 86 87 - 70 7 PCT 22-33 .00 .00 .00 .00 .00 .00 .00 .00 .00 1-3 11-21 70000000000000000000000 -33

									JANUARY							**** *** ***
PERIOG:	(OVE	p-/[L]	1763-1	970				TABLE	16 (CCA1)				1981	0010		.8% Gut 2m coy2
				PC	T FFEE 0	FLINC	:PEE0	(*15)	AND D19EC	TION V	ERSUS S	E# HE10	HTS (FT	)		
, HCI	1-2	4=1C	11-21	5 22-13	14-47	46.	PCT			4-10		S# 22-33		45+	PC1	
							1.0		1-3		11-21		34-47		1.7	
1-2	:5	.6	.¢	3.	.9		1.0		.6	1.0	9.	٥.	.c	.0	1.5	
3-4	::		3.5		à	:6	.2		• 1	1.3		.6		.0	1.3	
5-6		3.	.0	.0		.č			.0	.2	::	.0	· .		.2	
3-0		3.			::	3.					::	.5	ί.	.0	:6	
9	·č			, č	:3	i.e	.č				3.	.0	.0		•0	
10-11	'n		.0			.e	.1		ž			•	.r		•	
12	·c	.č	::	ō	: 2	.c			.c			.0	i.e	.0	.0	
13-16	. 5		•0	- 0			.0		•6	• 0	.0	.0		.0	.0	
17-19	9.	.5	• 9	.0	.0	.0			.c	• 0	. 5	.0	,n	.0	٠.	
20-22	.0	•0	.0	.0	. 0	.c	.c		.0	.0	.0	•0	.0	.0	•0	
23-25	.0	.6	٠.	•¢		.0	.0		.0	•0	.c	.0	.0	.0	.0	
26-32	. 0	٠.		. 3	. 3	.c	.0		.0	.0	.0	•0	.0	.0	.0	
33-4C	• 50	- 6	• • •	.0	• 0	.0			•C	.0	.0	.0		.0	-0	
41-48	• 0	٠.	•0	.c	. 0	.с	- 2		.0	٠c	•C	.0	•0	•0	. 1	
49-60	٠.	•€	٠.	•0	۰,	٠.	.0		.c	.c	٦.	-0	.0	.0	.0	
61-7C	٠,	٠.	•6	.0	• ?	.0	.0		•0	-0	.0	.0	.0	.0	.0	
71-86	. C	-0	٠,٢	.:	• • •	.0			·c	-0	• 0	•C	•	•0	•0	
67.	.0		• ?	• 0	• 2	.0	.0		٠.	0	٦٠.	-0	• C	٠.	•0	
TOT PCT	٠,	1.6	• 1	•1	•c	.0	2.3		••	3.2	- 3	•	•C	.0	4.3	
												ha				TOTAL
HCT	1 - 3	4-10	11-21	22-13	34-47	45-	PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PCT
<:	1.1	2.7	.1	.0	.0	٠.	3.5		1 - 1	1.4	.0	•5	• 6	.0	3.1	
1-2		5.1	.5	.c	•0	.0	5.9		.5	3 - 1	. 4	.0	• 0	.0	4.0	
3-4	• 1	1.4		-0	•0	-0	2.0		.3	1.0	. 3	٠.	.0	.0	2.1	
5-6	- 1	• 2	.:	.c	٠.	.0	- 2		٠.	•	• 3	.0	.c	.0	. 3	
7	•6	.:	.0	.0	• 2	.0	-0		.0	•0	•	-0	.0	.0	•	
ş.Q	·č	.0	٠.	.0	• 2	•0	• • • •		*č	٠.	.0	• 2	•0	• (	.0	
10-11	.0	٠.	•••	٠.	.2	.0	.0		.0	•0	·.c	.0	•6	.0	.0	
12 13-16	.5	٠. ن.	9.	.c	.e	2.	.0		٠.	.0	0.0	.0	3.	.0	•0	
17-19	.0			.0			.0		3. 7.	:5		.0	.0	.0	.0	
20-22	3.			3.	.0				٠,٢	::		.0		:0	:0	
23-25	•0	.0				.0			3.		.0	.0	.0	:0	.0	
26-32			.5	ĕ	Š	.č				:5	i.c	.0	.0		.0	
33-40	iè.	ě		.č	.á	.5	.0		ě		.č	.0	 2.		.0	
91-96	ě	č	.0	:č	.;;	.č	::		ă:	.5	3.	.0	· c	ě	.0	
49-60	÷.		?.		ě				.0			.5	ž.	.0		
b1-70					.5					.5	ě	.0		.0	.0	
71-46	·c			.0	٠,	.0	.0		•0	.0	ic.	.0	9.	.0	.0	
67+		3.				.0			·c	.0		.0	.0	.0	.0	
101 001	1.5	9.4	1.9	.0	٠á	.0	11.0		1.6	6.8	1.0	.0	• 6	.0	9.4	89.5

	RIND	SFEED	(×15)	VS SEA	HEIGHT	(F1)		
HET	C-3	10	11-21	22-33	34-47	48+	PCT	101 065
<1	16.5	11.2	- 1	.0	.0	.0	27.9	
1-2	2.6	25.4	5.0	.0	.0	•0	33.0	
3-4	• 2	10.0	9.6	. 6	•0	.0	20.4	
5-6	• 1	1.4	8.1	1.2	٠.	•0	10.7	
7	•5	- 1	2.9	1.1		.0	4.3	
£-9	.0	• 1	. 3	1.0	- 1	٠.	1.5	
10-11		.0	. 2	. 5		.0	1.1	
12	. 0		- 1	٠.			.3	
12-16	٠.۵	• •	• 1	• 1	. 0		.1	
17-19	- 5		•0	. 0		•0	ò	
26-22	,ė		. 0	.1		.0	.1	
23-26	.c					.0	.è	
26-32	.5				.5	.0	.0	
32-47		.5		.0		, c		
41 -44			• • • • • • • • • • • • • • • • • • • •	ě		•0	.0	
•5-55	- 3	: 9						
61-70	.0	.0	٠.			.0	.0	
71-86		ě			.0		ā,	
27.	.5	- :5						
			•••	•••		•••	••	1424
tot ect	12.4	40	7.08	5.4	. 3	.0	103.0	

PEPIO	0: 164		, ,,,,,	V-1474						14											
					PEPC:		Y34?U	¥.A.V	YE 4611	CHT IF	T) VS	-	ERIGO	416004	05)						
PERIOD (SEC)	<:	1-2	1.01	5-6	7	8-6	11 21	12	1*-16	17-19	20-22	23-25	26-35	33-40	*1-*6	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
< €	6.1	17.0	15.7	8.C	3 . 2	1.7	- 5	-2	-1	•	.0	.0	.0	.0	.0	.0	.0	·ú	.0	2383	3
6-7	• 2	2.2	6.3	6.2	5.3	1.5	, 8	•2	. 3	.1	•		.0	.0	.0	.0	.0	.0	.0	974	5
5-9	•	.6	2.0	2.1	1.5	- 3	. 7	. 3	. 4		.0	.0	.0	.0	.0	.0	.0	.0	.0	374	
10-11	.0	. 5	. 7	- 5	- 3	. 3	- 1	.0	.1	-1	-1	.0	.0	.0	.0		.0	.0	.0	130	5
12-13	.0	.0	1.0	. 4	.2	.1	•	•	. 0	•	.0	.0	.0	.0	.0	.0	٠.	.0	.0	85	5
>12	.0	.0	.0	. 3	• 3	-1	. 1		• 6	•	•	.0	.0	.0	.0	- 0	-0	.0	٠.٥	37	7
INCET	8.5	1.9	1.5	. 9	. 3	- 1	. 1		•			•0	.0	.0	.0	.0	-0	.0	.0	622	1
TOTAL	681	1036	1254	844	398	4.42	105	34	45	14	7	1	٥	٥	٥	Ď	٥	0	8	4605	•
PCT	14.5	22.5	27.2	16.4	2.6	4.5	2.3	.7	1.0	. 3	. 2	÷	• 0	•0	٠.	.0	•0	٠.	•0	100.0	

									FERRUA	E Å						
ERIOD:	(CYER-ALL		-1979 -1979						TABLE	1			APEA DUI	9.6N	CARAGUA SW 86.8#	COAS
					£	EPCEN	FREQU	E.C. 0	F SEATHER	OCCURRE! CE	SA RI	ND DIP	ECIION			
				F	RECIPI	1/110	TYPE					01460	PE TIMES	PHENO	PENA	
	AND DID	PAIN	RAIN SHER	DRIL	FRIC PCP4	540.	OTHER FRZN PCPN	₩A I L	OB TIPE	PCPN PAST HOUP	THOP LTNG	FOG WO PCPN	FOG WO PCPN PAST HP	SMOKE HAZE	SPPAY BLEG DUST ELEG SNOW	
	N.	.0	•1	.0	.0	.0	.0	.0	- 1	. 4	.4	. 1	.0	1.0	•¢	97.4
	NE	. 1	•	. 1	.0	.c	.0	.c	- 1	• 1	.6	• 1	•0	1.4	•0	97.7
	E.	•2	.2	• 1	-0	.0	•0	٠.5	. 4	- 1	. 5	.0	.0	1.5	.0	97.5
	ŞĒ	1.3	•9	•0	٠,	•0	·e	.0	2.1	.0	. 3	-0	•0	• ?	•0	96.9
	\$	•0	٠.	-0	٠.	.0	-0	.0	.0	1.7	. 6	.c	•0	1.7	•0	96.5
	\$ 6	• •	.0	•6	.5	٠.	.0	.0	. 4	.7	1.3	.0	.0	.4	•0	97.6
	•	•0	. 4	٠.	•0	•0	.0	.c	. 4	. *	• 5	. 4	•0	1.3		46.7
	NW	.0	•0	•0	-0	.0	2.	.0	۰.	• 3	. 9	. 6	•0	. 6	.0	97.6
	YAR	٠C	.0	.0	.0	C	-0	.с	.:	•¢	•0	.c	.0	• 0	•0	
	CALM	.0	•0	• 2	•6	.0	•0	.0	•2	. 3	• 5	.5	• 2	2.6	•0	95.6
	TOT PCT	•1	.1	. 1	.0	.0	.c	.0	. 3	• 3	.6	• 2	•	1.5	.0	97.2
	TOT OBS:	5841														

#### TABLE 2

## PERCENT PPEQUENCY OF MEATHER OCCURRENCE BY HOUR

			\$	RECIPI	TATIO	· TYPE					01469	#E#THEP	PHENO	MENA	
HOUR (G=1)	PAIN	PAIN SHER	CRZL	FRZG PCP4	SNO+	CIHER FRZN PCPN	<b>►AIL</b>	CPA AI E TIPE	PCPN PAST HOLP	THOP LING	FOG NO PCPA	FOC WO PCPM PAST HR	SMOKE MAZE	SPRAT BLWG OUST RLWG SNOW	
CUE03 CEEU9 12615 18621	.1 .2 .1	.1 .1 .1	.1 .1 .0	.c. .c.	.e .e .e	.0	9. 0. 0.	.1	.3 .2 .4 .7	1.6 .3	.2 .1 .1	.0 .1	1.7	.0 .0 .0	97.5 96.1 97.3 98.0
TOT PCT	-1 A051	-1	•	.0	.0	.0	.5	.3	•3	-5	.2	•	1.5	.0	97.2

## TAELE 3

#### PERCENTAGE PREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		WIR	n SPE	ED IKSO	151								HOUP	16#11			
FMC DIS	0-3	4-10	11-21	22-33	34-47	*8*	CRS	PCI FREG	PE AR SPO	20	03	C.e	09	12	15	16	21
h.	2.4	9.2	*.*	. 5	-1	.0		16.7	9.0	15.5		22.7			16.8		19.0
NÉ	1.6	17.9	13.1	3. '	.2	*		29.0	13.1	24.2	20.6	23.3	25.9	33.0	31.6	39.6	29.8
ε	1.1	5.7	6.9	1.5	-1	•0		15.3	12.6	13.3	14.5	16.4	13.6	14.2	16.9	16.A	11.5
SE	. 9	1.6	. 8	. 1	• c	•0		3.2	7.8	4.5	4.5	3.6	5.3	1.6	3.1	2.7	4.6
\$	. 8	1.8	.2	•	.0	.0		2.8	5.9	5.1	4.2	2.4	7.6	1.6	2.7	2.1	3.3
\$ h	1.1	2.6	.2	.0	.0	-0		3.9	5.7	6.0	7.9	4.5	4.6	2.0	2.4	2.7	4.5
<b>L</b>	2.1	6.4	.5	•	.0	-0		9.2	5.8	13.1	13.3	10.6	10.6	7.5	8.5	6.2	7.2
Ne	2.1	6.2	. 9	•	•	. 3		9.3	6.5	8.2	14.7	4.5	11.1	9.9	11.6	8.2	10.6
VAR	.0	.0	.0	.0	.0			•с	.0	•0	.0	.0	•0	.0	.0	.0	.0
CALM	10.8							10.8	.0	9.8	9.8	17.4	4.2	10.C	6.4	7.7	A.4
TOT CBS	1505	2958	1747	341	24	2	4617		9.0	126*	143	1425	174	1454	235	1646	167
TOT PCT	22.7	44.7	27.3	5.2	.,	•		100-0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

#### TABLE 3A

		LIAD	SPEED	(KYOTS)						400	GPT	,
LPD DIR	0-6	7-16	17-27	25-40	41.	TOTAL	PC.	MEAN	60	26	12	18
						ORS	FREG	SPD	03	39	15	21
4	6.9	£.0	1.6	-2	.5		16.7	9.0	15.0	12.3	19.6	19.3
NΕ	6.2	14.1	7.7	٠.	.1		29.0	13.1	23.8	23.6	32.8	34.3
£	3.7	7.1	4.0		.0		15.3	12.6	13.4	16.5	14.6	16.3
ŠE	1.7	1.3	• 2	•	.0		3.2	7.8	4.8	4.0	1.4	2.5
š	1.0			•0			2.8	5.9	5.0	2.4	1.4	2.2
Šh	2.6	1.2		•0	-0		3.9	5.7	6.2	4.5	2.1	3.0
ź"												
	6.2	2.9	-1	•0	.0		9.2	5 - 8	13-1	10.6	7.6	4 - 2
N.F	5.6	3. •	•2	•	.0		9.3	6.5	4.8	9.7	10.1	8.5
ATA	.0		.0	٠.	.0		.0	٠.	.0	٠0	.0	.0
CALM	10.5						10.8	.0	7.4	16.5	9.5	7.7
tot ces	3029	2570	919	93		6517		9.0	1511	1504	1699	1613
TOT PCT	45.4	36-8	11.9	1.6	. 1		100.0			100.0		

•	•	٥	۸	o	v	

PEFIOD: (PPI-APY) 1952-1979

TAPLE 4

AREA ODIO NIÇARAĞUA SW COAST

FOCTS TAGE	FPECUENCY	C.F	LIKE	SPEEN	 MOUD	46MT

				-140	SPEED 1	KNOTS)			PCT	TOTAL
400%	CAL	1-5	4-10	11-21	22-33	34-47	44+	PEAN	FRED	OBS
07603	9.8	14.4	50.6	23.0	2.1	.1	. 1	7.8	100.0	1511
06009	10.5	10.7		23.2	4.5	.5	.0	6.2	100.0	1594
12515	9.5	11.0	43.7	.9.1	6.2	. 4	.0	9.4	100.0	1699
1*621	7.7	12.0	40.8	31.7	7.3	. •	- 1	10.1	100.0	1613
<b>701</b>	713	792	2958	1787	341	24	2	9.0		6617
PCT	13.€	12.3	44.7	27.0	5.2	. 4	•		100.0	

TAPLE 5

TASLE 6

	CI IPE			CLOLD A D DIREC		(EIGHTHS)		1					CEILIA NH CS/					
AND GIR	6-5	3-4	5-7	8 £	TOTAL Co:	COAEL	000 349	153	300 599	999	1000	3499 2000	3500 4999	5000	65C0 7999	•000-	NH <5/8 ANY HGT	
N.	11.7	2.4	2.3	.3		1.0		.0	•	.1	. 3	•2	. 1	.1	.1		15.0	
NE	22.5	3.5	2.4	. 2		1.4	•		•	• 2	. 3	• 1	. 2	.1	- 1	.1	Z4.1	
£	12.7	1.6	1.2	.2		1.3	.0		•	.2	• 2	• 1	• 1	•	•	• •	15.0	
ŠΕ	2.0	. 5	. 3			1.4	•0	.0	.0	•			.0	.0		.0	2.8	
5	1.4		. 7	.1		3.0	•	.0	•	. 1	.2	. 1	•		.0	.0	2.3	
Św	1.9		. 7	. 2		7.9		•		. 1	. 2	.1	•	.0	.0	•	3.2	
i.	5.1	2.1	1.5	. 3		2.6	•	٠.0		. 2	. 4	. 3	. 1				8.2	
hu	5.1	1.4	1.5	.2		2.4	•	.0	.0	. 2	. 3	• 3	. 1		.6		7.8	
YAR	, c	.0	. 2	٠,٠		• 0	.0	. c	.0	.0	.0	.õ	•0	.0	.0	.0	.0	
CALP	7.9	1.6	1.4			3 . A	•	•	.1	•	. 3	1		.1	.0	.0	10.4	
101 CES	3400	714	627	96	46.30	1.8	6	3	12	55	105	67	31	i÷.	- 1	10	4513	4830
TOT PCT	70.4	14.4	12.8	2-0	100.0	- '	- 1	- 1	.,	1.1	2.2				٠.	.,	93.4	100.0

TAPLE 7

## CUPULATINE PCT FREG OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NH >4/8) AND YSBY (NH)

					VSEY INF	11			
	C(1117	: CR	z ¢R	2 OR	= OR	= OP	I CR	= OR	: 08
	(FEE I)	>10	>5	>2	>1	>1/2	>1/4	>5010	>0
=	CE 26501	, ,		.4		.4	.4	.4	
=	CP >500	7		+8	.8		.8		
:	OR >350	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4
:	CR >200	2.6	2.7	2.9	2.8	2.8	2.8	2.4	2.4
:	OR >100	9.7	4.9	4.9	4.9	4.6	4.9	4.9	4.9
:	CP 2520	5.7	6.0	5.0	6.0	6.2	6.0	6.0	6.0
=	CP >300	5.9	6.2	6.3	6.3	6.3	6.3	6.3	6.3
:	CR 2150	5.9	6.2	3	6.3	6.3	6.3	6.3	6.3
:	CR > 5	6.0	6.3	6.4	6.4	6.4	6.4	6.4	6.4
	TOTAL		314	370	320	320	320	320	321

TOTAL NUMBER OF DAST 4000

PCT FREG NH <5/8: 93.

TABLE 7A

### PERCENTAGE FREE OF LOW CLOUDS (EIGHTHS)

G 1 2 3 4 5 6 7 8 0BSCC 0BS 47-7 27-5 17-5 6-9 3-9 2-3 1.6 1.5 .8 .1 5267

FEBPUARY

								,							
PERIOD: (PRIMARY) (CVER-ALL)								74	elí s				394	, 0010	NICARAGUA SW COAST
			۴	ERCEM					AING AI				CURPENC TY	E OF	
45i			٨.	ЯI	ť	SE	\$	sı	•	NW	VAF	CTFA	PCT	TOTAL	
		420	.5	.0	-0	.0	.0	.0	.0	.0	.0	.0	.0		
(1	/2 *	IS PCP		.0	.0	. 0	.0	.0		.0	.0		. 1		
		101 1	•	.5	.0	.č	.0	٠٥	•	11	.0	•	. 1		
		PSP 939	•6	.0	٠.c	.0	.0	-0	.0	• 0	.0	.:	• 0		
1/:	2<1 1	434 01	• 0	.5	•0	.0	.0	.0	.0	• 2	.6	::	.0		
		1 101	.c	••	.0	.0	.0	•0	.0	• €	.0	.0	.c		
		CP.	.c	.0	.0	.0	.0	•0	.0	٠.	.0	.?	.0		
14		O PCP	.0	.0	.0	.0	.0	• C		.0		.¢	•9		
	1	101 1	٦.	. 5	.0	.0	.0	•€	• 0	•0	.0	•0	.5		
		95P	•	.0	.0	•	.0	•	+0	.0	.0	.0			
2<		43 PCF	•	•	•	•	•	•	•	- 1		• 2	. 4		
		101 1	•	•	•	. 1	•	• 1	•	- 1	.0	.2	. 5		
		CP.	.0	•	•	•	-0	.c .?	.5	.0	.0	•	- 3		
5<		49 PCP	.5	1.2	•5	:1		•?	.*	. 4	::	- 5	3.6		
	1	101 1	.5	1.2	. 5	- 1	•	• 5	••	. 4	•.	.5	3.9		
		60	.0	•	•	•	.0	.3	•	•n	.0	.0	- 1		
19		40 PCP		27.7	; • • •	2.9	2.5	3.7	0.0	6.6	.c	9.9			
		101 1	16.3	27.7	14.8	2.9	7.5	3.7	9.0	4.6	.0	9.9	95.6		
	7	OT C65												5831	
	7	01 PC1	16.9	24.9	15-3	٠.۵	2.6	3.9	9.4	9.1	.0	10.6	100.C		

				PEPCEN	FPEO LIM VI						ĒD		
¥59¥	seç	N	ME	£	32	s	<b>S</b> •		4ras	VEP	CALF	PCT	TOTAL
(h.")	KIS												0.5
	C-3	•0	.0	.0	-0	•с	-0	•	.0	.0	•	. 1	
<1/2	4-15	•	• 0	.0	.3	-0	.0	.0	.c	.0		•	
	11-21	.0	-0	٠.	•0	.0	3.	.0	.0	.0		.0	
	22+	.0	.0	٠.	٠.	.0	.£	.0	.0	.3		.5	
	101 2	•	•0	•0	•0	.0	.6	•	.0	•0	•	. 1	
	C-3	•	.0	.c	-0	.0	.:	-c	٠.	.0	٠.	•	
1/2<1	4-10	.0	3.	•0	-5	•0	.0	.0	.0	.0		.0	
	11-21	-0	.0	.0	.3	٠.0		-0	-0	٠.		.c	
	22+	.0	.0	-0	-0	.0	. 0	• 0	.0	٠.		.0	
	101 1	•	•0	•5	•0	.0	•0	•=	•0	.0	.0	•	
	0-3	.0	.0	.0	.0	•0	.0	•	.c	. 7	.0	•	
1<2	4-10		.0	.c	• • •	.5	• 0	-0	.0	• 0		•	
	11-71	•0	- C	.0	•	-0	-0	٠.5	.0	• 1		•	
	22+	.0	٠.	• 0	-3	.0	.:	.0	.0	.6		٠.	
	101 4	•	.5	•6	•	-0	.5	•	.0	.0	.c	•	
	0-3	•	.0	.0	.:	•	•	•	•	.0	- 1	. 3	
245	4-16		•	•	•	.0	•	•	•	-û		.2	
	11-71	-6	•	•	•	٦.	.5	-0	•0	-0		.1	
	22+	.0	•0	.0	.0	.0	.0	•0	-0	-0		.0	
	TCT %	•	•	. 1	+1	•	. 1	•	. 1	.0	- 1	.5	
	0-3	-2	.1	•	•	•	•	-2	- 1	-0	.5	1.3	
5<10		. 3	. 4	• 2	•	•	- 1	•2	. 3	•0		1.6	
	11-21	-1	. 4	-2	•	-0	•	•	•	.0		. 8	
	22.	•	. 3	• 1	•	. 3	.c	•€	.0	-0		. •	
	Ter 1	٠.	1.2	.5	-1	•	.:	••	••	•0	•5	3.*	
	0-3	2.2	1.5	1.0		.7	. 9	1.4	1.5	.0	9.5	20.0	
10+	4-17	9.0	10.4	5.*	1 - 5	1.7	2.5		5.8	.0		42.7	
	11-21	4.4	12.4		٠.	•2	. 2	•5	. *	.0		26.6	
	22.	-6	3.1	1.5	+ 1	•	.0	•	•	. 0		5.3	
	101 3	16.2	27.8	14.9	2.5	2.7	3.6	8.9	4.5	.5	*.5	95.4	
	101 045												617*
	101 +61	16.9	29.C	15.5	3.1	2.8	3.6	9.3	+.0	.0	10.4	100.0	

FEBRUARY

\*[0]03: (PD]\*1PY; 1652-1079 10922-161; 1867-1679

TARLE 10

APEA DEID NICARAGUA SW COAST

CPCENT	FRECUENCY	CF CE	1L ING	HEIGHTS	IFEET.SH	24/61	440
	<b>DEEU</b> 4	PENCE	OF W	4 <*/8 B1	HOUR		

					•								
HCU4 (G*I)	6^3 149									A890+	TOTAL	44 45/4 444 HGT	
. 360 *	•2	.:	. 3	1.2	1.9	1.3	. t	.e	.2	.3	6.9	93.1	1295
96340	.0	.0	•2	. 8	2.4	1.3		.2	-1	-1	5.0	94.2	1236
12614	.2	.1		1.5	2.5	1.5		.1	.3	-3	7.7	92.3	1368
1#621	. 1		.0	.7	1.1	1.0	.6	.4	.1	-1	4.2	55.4	1372
101	1	3				64						4944 93.4	5271

				115LE	11						TABLE	12		
		PEPCFNI	FAESULY	VCT 45P	Y (45)	NY HQUE	ı	CU-ULA1					TSET ENMS	
#68₽ (2 <b>*</b> 11	<1/2	1/241	1<2	245	5(16	10•	TOTAL CRS	#CUR 15*11	<150 <5010	<600 <1	<1000	1000*	AH (5/4 AND 5*	TOTAL CBS
00663	. 1	• 1	•1	.5	3.4	55.5	1461	sete:	•2	- 6	2-3	5.4	92.4	3233
<b>^61 C</b> 9	.1	.:	.0	.7	5.1	**.1	1536	76609	.1	. 3	1.6	4.9	93.5	1174
12615	.1	.c	•1		3.6	95.5	1646	12815	.2	. 9	2.7	5.9	91.4	1203
15821	- 1	-1	••	-5	3.2	96.2	1716	16123	-2	. 3	1.1	3.5	95.5	1300
101		3	3	35		5075	6392	101	:	??		244	*651	4990

					11	-LE 1	:									148L	E - 19				
	PERC	[ <b>1</b>   F	PEQUE:	.27	CF PE	LATIVE	HU-1	IIY P	TERP		PCI		P£ 80	(%) FR	E CUESC	7 OF 2	140 01	RECTIC	N 87 T	[#P	
TEPP F	5-24	30-3	e +2-4	. 9	50-54	<b>60-69</b>	70-79	80-69	90-100	101AL	FREE	M	۸E	€	SĒ	5	Su	•	**	***	CALM
45/99	.0		c .	. 3	•		.0		.0		- 1	•	•	•	.0	.0	.0	.0	•	.0	.0
10/14	.0			. 1	.3		- 1	• 5	.0	*2	. 8		.2	.1	. 1		•	-1	-1	.0	.1
45/49			n .	. 3		2.6	2.7	.5	. 1	340	7.1	1.2	1.5	.9		-2	. 4	. •	.9	-0	.7
80/84				. 1	1.0			14.6	2.8	2754	53.9	9.4	13.4	7.5	1.7	1.7	2.6	4.2	5.2	-0	e-3
75/75						1.3	₹.6	15.2	6.6	1495	33.1	5.1	12.1	5.9	. 7	- 6	.7	2.3	2.3	.0	3.5
70/74				ō		. 1			2.3	248	4.9	.6	2.2	.7		•	•	- 2	.2	-0	.7
65/66			9	. 2			•	•	• 1	ė	•2	.0	- 1	•	.0	.0	.0	.0	.0	.0	.3
TOTAL	Ċ		1 2	71	115	565	20+7	1657	605	5104	125.0										
PCT	• •			ï	2.3	12.9	47.1	32.5				16.4	29.6	15-0	2.6	2.5	3.7	1.4	8.7	-0	11.3

				141	·( 15									TAPLE	16			
	*{ th\$,	EXTREM	5 440	PERCL	e galtre	OF TE	P (CE	5 f) 2	7 4002		P[ = C	ENT FRE	CU(4C*	OF RELA	11VE H	TILOIMU	87 HQU	R
46UP (6F1)	-17	993	45%	SOR	51	11	riv	PEA4	TOTAL	₩0U₽ (641)	C-2*	30-5*	60-69	10-10	40-84	+0-100	**	TOTAL DES
00403		- 55	86	41	75	73	6.6	40	1548	00103	.0	1.9	12.7	46.6	24.5	*-6	72	1767
06609		54	8.3	30	74	71	65	74.3	1645	26109	.0	-5	7.0	35.9	39.2	17-5	61	1277
12615		85	63	74	73	70	68	70.5	1720	12615	.5	1.4	9.4	36.4	36.4	16.3	*0	1353
18521		91	34	5.7	75	73	6.6	42.0	1455	12621	-0	6.4	27.5	*1.5	25.0	5.0	7*	1388
101	<b>\$7</b>	49	46	38	75	77	3.6	40.3	6792	101	ė	139	<b>e7</b> 9	2118	1714	635	78	5205

FÉBRULRY

PERIOD: (PP1"ART: 1952-1979 (CVER-ALL) 1860-1975

TABLE 17

4.6% 86.6P COAST

ec t	FRED	CF	110	1C*PERATURE	IDEG F	140	THE	OCCUPRENCE	cf for	telimout	PRECIPITATION
				95 419	-STA T	[PP£9	A YUS	C OFFEPENCE	1006 1	1	

ATR-SEA	45	£ 9	73		83	85	89	>92	101		40
ind die	68	72	74	90	84	*8	92			FOS	FOC
17/19	-0	.0	.^	.0	٠.	.0		•	3	٠.	-1
14/16	.0			.0	•		. 0	- 1	£	2.	.1
11/13	.6	. 3	.0	.1	. 3	42	. 1	- 1	45	.0	. 8
9/10	.0	.0	- 1	. 3	- 5	. 3	- 2	•	77		1.4
7/5	.0	- 1	• 5	.5	. 7	.6	. 3	.0	124		2.2
6	- 3	-0	>		. 6		- 1	•0	110	•	2.0
•	.0		٠.	1.1	1.2	. 9	• 2	٠.	21=		3.4
	٠ċ	-1	• 3	1.1	1.4	. 5	-1		236	2.	4.3
3	.5			1.3	2.2	• •			272		4.9
ż	- 2	- 3		3.0	2.7	. 9	9.	.0	444	.^	8.8
1	• 3		1.0	1.:	4.0	. 7	•0	. č	521	-1	9.4
r	.0	- 1	1.7	5.€	6.4	. 7	٠.	.0	769		14.3
-1	.c	.1		4.6	5.9	. 3	. 1		650		11.6
-2	•	- 2	1.7	5.3	4.4	• 1	• •	٥.	674	. 1	12-1
	.0	•	. 7	4.4	2.4	•	- 0		433	. ^	7.8
~ *	-0	-1	- 5	3.8	2 - 2	• 2		.c	368	•	6.6
-5	•	- 1	٠. د	2.8	. 9	. 5	-5	.c	236	-2	4.3
	.0	- 1	- 4	1.2	. 3	.0	.0	٠.	115	٠.	2.1
-7/-3	.0	- 1		1.7	• 2		.0		124	.0	2+3
-9/-10		- 1	٠.,	.2		.:	-ė	.0	31	. ~	. 6
~11/-13	•3	-1	•0	.1	•	.0	.0	.0		-0	-1
-1-/-16	.3	٠.	.0	•	- G	.0	٠.0	. 5	1		•
TOTAL	5		574		2173		56			10	5516
		• 3	-	2235		348		12	5526		
PCI	41		10.4	45.4	29.3	7.0	1.0	.2	107.6	.7	99.8

PERIOD: (CYER-ALL) 1963-1979

TABLE 15

PCT FFEE OF AIND SPEED THIS) AND DIRECTION REPSUS SEA HETCHIS IFTS

											15			
HG1	1-3	4-10	11-21	22-33	34-47	484	PCT	1-3	4-10	11-21	22-33	34-47	-9-	PCT
<1	1.4	1.5	- 1	.5		-2	2.4	• •	2.2	.0	.0	.0	• 5	5.4
1-2	.7	4.7	1.1	·c	.0	-0	6.5		5.6	2.4	٠.	.0	.0	
3-4	.7	1.7	2.5	-0	.3	-8	4.4	•2	3.4	4.0	. 3	.c	.0	7.4
5-5	-1	.1		•2		• • •	1.7	•	• 3	3.7	.7	•	.0	4.7
1	.0	-1	•6	-1	.0	. 3	. 9	-C	+ 3	1.0	-6	- 1	•2	2.1
8-9	• 2	.0	•2	-1	.:		- 3	-0	٠.	.5	.7	- 1	.0	1.3
10-11	•0	.0	•1	- 1	. 3	.0	.2	•0	.0	.2	- 3	.0	.0	-5
12	ъ.	٠.	•6	-0		•5	•0	-0	.=	-0	.0	-c	•6	.6
13-16	.C	.6	.5	-0	• 3	•6	.5	٠\$	-0	.0	-2	.:	-0	•2
17-19	•0	.0	.0	•3	.5	•5	.0	40		.0	-0	• 2	.0	-0
20-22		•0	• ?	.3	.0	.5	.0	•0	.2	.0	.0	.0	.0	.0
23-25	.e		.5	-3	•0	.0	-0	•0	.0	٠,	.3	.^	•0	.0
26-32	.0	٠.	٦.	.0	٠.	٠.	-0	•c		.0	•0	•:	-0	.0
33-4C	.0	.c	•0	•6	•0	-5	.5	+0	.0	.5	.5	٦.	-0	.0
41-46	.0	.0	.0	.0	.6	•0	٠.	.5	.3	•5	.:	٠.	-0	.0
49-60	.0	.=	•5	٠,	.5	-3	-0	-0	.:	.0	.0	٦.	.0	.0
61-76	-0	-0	'n	.0	• 2	٠.	•3	•9	-\$	.0	-5	.c	-5	-0
71-86	-0	٠.	•	•3	• 7	-6	.0	.0	-0		-0	.0	-0	•0
67+	.0	-¢	.0	-0	•5	-0	-5	•0	•3	• C		3.	.0	.0
107 PC1	2.3	2.4	5.4	- 5	• 2	-6	16.7	1.4	11.7	15.0	2.4	•2	+2	20.4
				ť							st			
HET	1-3	10	11-21	22-33	34-47	48-	PCT	1-3	4-10	11-21	22-33	34-47		951
<1	.,,			.0	c	-0	1.3		.5		.5	.0	•0	
1-2		3.2	1.5	ě.	• • • •		5.1			.1		2.	.0	.7
3-4		1.1	7.8	• 1	.á	-6		12			.c	Ĭċ	.0	•5
5-6			1.1			3.	2.2	ič.					.0	
7			1.1	•2	. 5	.0	1.0		.0	.5		.0	.0	.0
4-7		.6		. 2	•3	3.	.3			9.	.0		.5	.0
13-11		.0	. 1	.è	-0			.0		.e	.0	.0	-0	.0
12	.0	٠.5	•0	.0	40		.0	.5	-0	.0	.:	.0	.0	-0
13-16	-0	+Č	• C		45	-0	.3				.0	·r	.0	.0
17-15	.0	-0		40	.5	.0	.c				.0	٠.	.0	-0
20-22	·e	-0	-0	-0		-0	.c	.0	٠ċ	.0	.0	.0	.0	.0
23-25	.0	.č	• 0	.3	. 5	.0	.0	.0	.0	•€	.0	.0	-0	-0
26-32	.c	•0	.0	-0	. 3	-c	-0	.c	.0	7.	.0	2.	-0	.0
13-40		٠Ď	•0	•0		.c	.0	•¢	.0	-c	.0	.0	.0	.0
43-44	•0	-0	•0	-0	. 3	-0	.0	.0		.0	.0	7.	•0	•0
49-6C	40	-0	.5	٠.0		-0	.5	.c	.5	.0	.0	7.	.0	٠.
41-7C	.0	٠.	.0	.0	.7	.0	.:	.5	.ç	.0	.:	.0	.0	-0
71-56	٠.	•0	•	.0	. 2	.0	.3	•C	.0	.0	٠c	-6	-0	-0
\$7.	.c	•0	.0	.0	. 6		.0	.5	.5	•₽	-0	٠.	.0	-0
				_							**			

PEPIOLI	****	***FF }	1463-1	672				FEBRUARY TABLE 16 (CONT)				TDET			GUA SW COAS
														** **	
				PC	i fre: c	1 +1 >C	SPCCO	CATSI AND DIREC	110: 1	(ezes z	ET HEIC	MIS (FI)	r		
				5							54				
451	1 - 2	4-1C	11-21	22-33	34-47	-5-	PCT	1-3	4-12	11-21	22-33	34+47	45.	PCT	
C	- 3	1.5	• •	-2	٦.	٠ũ	1.2	.5	1.5	• 9	-9	٠.	.0	1.5	
1-5	- 2	. 6	.7	.:	• 5	٠.	1.3	•1	2.0	- 1	.0	• 6	.0	2.2	
3	٠.	. 3	-1	.c	.0	٠c		٠.	• 3	•=	.0	3.	. 1	. 3	
5-6	•:	-1	•	-0	•5	٠.	• 1	•c	-5	-c	-0		.0	-c	
. 1	-5	٦.	•:	•2	.9	٠.	.0	.9	:	·¢	• •	••	-0	•	
-0	٠.	-6	• ?	.0	• 3	3.	.0	.0	.0	•€	.0	• 2	.0	.0	
)+11  2	:2		ç	.0	:3	::	3:	.5 .5	.0	3.	.c	-0	-0	.0	
3-16		٠.					.0	3.	.5		.0	٠.	-0	.0	
7-15	.0		-	.0		.6	.0	.5	::			:0	.0	.0	
-22					• ~	.6	č	::	:5	iè.		.č	.0	.0	
3-25				.5	-		.5	ž.		::	.5	2.	.0	.0	
-32	::			. 0		2.	.5	::	.5		.5	·	.0	:5	
3-6C		٠.		::		:3				.è	.0	è			
-45	-0				.0	.5	.š	.0	3.		ě.	.0	.5	.č	
-5C	,e	.0	- 2	.0		.0		.0	.5		.0	.2			
-70			ř			.c	.0	.0	.5		.c	.é			
-35	٠.٠	.6		.5		• •	.:	÷.	.0	9.	.0	.=	-0		
67.				- 9			.0	.5	.0	٠.				.6	
I PCI		2.3	• 2	-0	.3	•C	3.0	.6	2.3	. 1		-6	.5	4.0	
											17				TOTAL
451	3 - 3	4-10	11-7:	22-33	34-47	46.	PCT	1-3	4-10	11-21	27-33	34-47	44.	PCT	PCI
(3	1.7	2.2					3.6	-,7	1.0	2.				2.3	
->		3.5		.e	·c	٠.	4.6	.6	2.3		.c			4.4	
	• 2		. ?	• 0		.0	1.3	.1	1.0	- 1	.0		.0	1.3	
5-A	.5	.2	• 1		.5	-0	.,	ě.				.0	.5	.5	
7	- 2	- 1			- 2		. 1	2.		- 1	.0	-1		.2	
. 9	.0	.0		-0	• • •	•0	.0	.9	. 1	٠.	.0	.9	.2	.1	
-11	2.	.0		. c	.0	.0	.2	.2	.5		.0	.0	.0		
2	.0	. 2	.0	. 3	.9	-0	. 3	.5	.v	.0	-0	.0	.0	-0	
1-16		-0		.5	- 2	3.	.0	.5	. 5	.c	.0		-0	.0	
1-19	• •	.c	.:	٠.	. 5	-0	.:	.0	.¢	.c	.0	·r	.0	.0	
1-22	.c	٠.:	• 7	-0	.7	.c	.5	.5	.c	•€	.0		-0	.7	
3-25	.0	٠.	-5	-0		.5	.3	•0	.c	٠.	-2.	-5	-0	.0	
5-32	.0	٠.	• • •	•3	. 3	.5	.5	.5	.0	•0	.:	.c	.0	-0	
0	•6	-0	•€	- 0	•	-0	• 2	.c	.0	•€	.0	•¢	.0	-0	
30-	-5	-3	•5	-3	. 3	•6	٦.	٥.	•=	•0	-0	•3	.0	•0	
-65	- 2	-5	٠.	*0	• • •	.c	٠.	•c	.0	٠.	.0	• 🚊	.0	-0	
-70	- 2	٦.		.5	- 5	•0	.ç	.5	٠.	•€	-0	•=	•0	.0	
1-86	·r	ء.	•€	-2	• 2	•0	.0	•6	•0	-5	.0		.0	•0	
67.			•:		•2	·ŗ	.:	1.5	.3	.0	-0	.с	-6	0	
i PCI	2 - ₹	7.2	• •	- 3	• 7	.c	4.4	1>	4.*	. ?	.5	-1	-0	8.7	87.4

	P140	SPEED	(×TS)	VS SCA	HE:GHT	1511		
H51	D-3	10	11-21	22-23	34-47	***	PC!	101 015
<1	25.6	19.5	.2	.3	.:	-0	20.5	CES
1-7	3.9	23.5	6.0	.0	.0	.0	33.5	
3-4	. 9		9.7			.5	19.6	
5-6	. 1	2.0	5.7	1.3	. 1	7.0	9.1	
7	.0	. 5	2.7		.1	.1	4.4	
g-9	.0	. 1		1.0		.c	1.0	
10-11	.0	.0			i.e	i.		
12	.5	.0					.c	
13-16	.0		.0		.c			
17-16	.0	.0	.0		.0		.0	
70-22	.5	.5	.0				.0	
23-25	.:		. 5				.5	
26-32		.0						
33-46	.0	.0	.s	. 5	. 2		. 5	
41-4E	.c	.0	.5		.c	.0	÷.	
44-45	.0	.0						
31-16	.c	.ē	.5	.0			.c	
71-46	٠.	.5	.6	.0	.5		.0	
47*	ء.	.5	.0	.0		.e	.0	
								1351
131 051	24	44.9	25.7	4.1	. 3	.1	100.0	

LAVE HEIGHT
12 13-16 17-2 .2
-1 .2
-1 .2
-0 .0
-0 .0
24 12
-7 FERICE (; (SEC) (6 6-0 6-7 -1 18-9 -1 12-13 -0 131 -5 140EF 16-4 101AL 760 PCT 17-7 .00 1-4 14.4 4.1 7.0 .9 .9 .9 .9 .1 1.5 1170 20.4 1-2 16.9 2.4 .7 .5 .0 1.5 095 . . . . . . . . . . . . . . . 5-6 7.3 5.5 1.7 .7 .7 .7 .7 .7 .7 \*\*\* 707AL 2275 864 332 138 103 48 668 4476 100.6 3.5 0000000000 0000000000 ......... 0000000000 0000000000

efelco:	19CI+4641	1953-1979
	4 W C D	1479-1675

14246 1

AFEA 3010 AICARAGUA SE COAST

PEPCIAT	FRECUENCE	Of	FAINER	30000006466	5 Y	.140	CIRCETION.

				PICIPI	TATES	1 TYPE					¢1={4	PETTHER	PHEND	PENA	
nrc 016	P214	RAIN Sher	CRZL	FEPS	\$40.	GIHER FRZN PCPN	MAIL	or time	PCFR PAST HCLR	INDP LING	FCG 40 PCP4	FCG WO PCP. PAST HE	5#0#£ ##7£	SPRAT BLUG OUS! FLUG SHOW	
•	- 1	.3	.0	.2	.0	.0	-0		-2	.3	- 3	-1	2.4	.1	96.2
N٤	- 1	•	- 3	ع.	.0	.0	.0	- 1	•		.2	.0	7.3	•	35.3
Ĺ	. 3	- ::	.3	.3		.0	٠.5	.4	-1	.7	. 3	.9	4.7	.2	93.7
5€	.0	.0	.5	.0	.0	. 5	.5	.:	.5		. 3	.0	1		54.7
s	. 3		.c	.c	2.	.2	40	- 3				.5	3.1	.3	43.9
5.		. 3	. 3	.5		.0	٠.5	1.5	. 3	2.2	. 5	. ć	3.5	.1	42.4
	- 1	ċ.	. 2		- 5	.5		• 3				.0	3.7	-0	95.1
4.	- 1		. 2		.c	.0				. 6		.0	2.5		95.9
ATD	.0		5.	.5	.c	.0					.6		·.c		
CSFe	.0	.¢	- 3	-5	.0	.5	٠.	• 1	• •		. 7	.0	7.4	•1	10.4
101 PC1 101 0FS:	6554	-1	.1	.c	.0	.0	٠.	-3	•2	.7	.3	•	••6	.1	**.6

taple >

#### PERCENT FREQUENCY OF SEATHER OCCURRENCE BY MOUR

				arc:>1	14110	* 1*PE					0145		PHENG	-542	
(6~1) H365	FAIT	FAT's Smb#	De/L	FRZÇ PCFR	5 <b>40</b> -	OTHER FRZN FCPN	HEIL	PEPE AT	PCP% PIST MOUR	IND! LING	FOG NO PCPN	F06 60 PCF% PAST H8		FFPE 240° FFPE CP2: Zbd74	
03603 04604 13615 14671	.1 .1 .2 .1	.0 .1 .3 .0	.0 .1 .1	3. 2. 2.	.o.	.0	.c .c .c	1	.1 .2 .3	.3 1.9 .7	.0 .1 .1	.0	3.0 4.5 4.5 3.5	::	96.7 92.7 93.1 95.7
101 PC1 101 0P5:	.1 6755	•1	-1	.0	.c	.0	.s	- 3	.2	.:	-3	•	?.¢	-1	**.6

#### TABLE 3

## PERCENTIGE PREQUENCY OF LING DIRECTION BY SPEED AND BY HOUR

		-11	S SPE	C test	151								MCC2	(5-71			
PMC DIS	9-3	4-15	11-21	55-33	347	48.	TOTAL	\$010 \$200	P(15 C42	00	03	24	64	12	15	18	21
¥	2.4		3.1	. ?	.0	.0		14.7	7.9	17.0	*.*	10.2	11.4	17.0	19.1	17.7	16.7
46	7.2	11-5	10.5	2.5	.1	.0		26.7	12.0	22.5	16.7	2^.2	24.2	32.3	27.4	33.6	24.3
ζ	1.4	4-0	6.2	1.5	. 1	.0		15.3	12.3	12.5	15.4	• • • •	14.5	14.7	14.9	17.4	14.5
SE		1.4	.7		•	.0		3.3	7.3	2	7.7	3.8	5.3	2.3	1.3	7.0	3.0
\$	1.1	2.3	- 3	.0	.3	.0		3+7	5.6	7.4	4.2	3.7	4.3	1.5	2.3	2.5	2.2
S.	1.3	3.3	. 3	-		. 3		5-1	5.0	0.3	4.2	5.4	4.7	3.0	5.1	7.3	7.1
	2.5	5.5	. 6			.ė		1.0	5.3	12.6	15.4	11.2	8.3	7.5	9.5	5.3	11.3
4.	2.4	7.1				.0		10.5	6.3	*.*	12.9	10.4	14.2	11.5	:3.0	4.4	13.4
ATO	0		3.	.5	.0	. 5		.5			.0						
SALP	11.4							11-4	.c	9.0	8.8	18.7	10.0	11.0	7.2	4.4	4.7
101 065	1902	1414	1666	313	15	2	7341		*.Z	1551	110	1566	162	162*	235	1694	177
101 +61		16.2		4.3				100.0			100.2						

		-140	10170	******						#QU	e (5-1	3
-*2 DIR	E-+	7-14	17-27	24-40	41.	TOTAL	PCT	#{ 2 %	23	24	:2	16
•						0 2 2	FREC	100	23	Q9	15	21
*	2.2	4.3	1-1	•	.5		14.7	7.9	17-6	10.4	17.3	27-4
٩E	4.7	13.2	4.0				26.7	17.0	21-4	20.6	20.9	33.0
٤	2	7.0	3.5	.4	•		15.3	12.3	13.2	15.7	: 4.7	17-9
SE	1-5	1.3	. 2	•	.3		2.3	7.3	*.*	9.0	2.2	2.4
5	2.6	1.0	•	٠.٥			3.7	5.6	7.1	3.4	1.6	2-6
Sw	3.2	1.7	. 1	•0	.5		5.1	5.9	•.3	5.7	3.3	2.7
¥	4.4	1.0		•	. 5		1.4	5.0	12.8		8.0	
No.	4.5	3.4			٠.		10-5	4.2	10.1			
VAD	2.0	2.0		.0	.5			.c	.0			
CALM	11.4						11.5	.0	6.9			9.1
101 C85	7735	2735	627	73	1	7341		1.2	1655			2044
(n) #C1	52.5	37.3	11.3	1.c	÷		100.0				100.0	

TAPLE .

AREA TOID NICARAGUA SW COAST

rescentage	FFE TLEACY	Cf . 1*0	SPEED	S. V. MOUR	IGPT

		_								
				-140	srtto e	*40151			FCT	10141
nûfe	646.	1-3	4-12	11-21	22-33	34-47	44.	at Tr	tric	CES
62563		17.6	50.5	:6.4	1.9	. 1	·.	7.2	199.0	1065
93360	17.0	25.7	45.2	17.0	3.1	- 3	.:	2.1	100.0	1746
12615	11.3	12.1		20.0	4.5	. 1	.c		100.0	1565
1*621	6.1	12.4	*3.5	29.2	5.7	. 3	.5	4.5	100.0	2045
101	829	1349	3 - 3 9	1465	313	15	- 5	4.2		7341
PET	11.4	14.6	44.8	22.7	•.3	•2	÷.		100.0	

71

	POT FRED OF TOTAL CLOUD AMOUNT (ESSMINS) NY WARD DIRECTION												CE1L:5					
			A 31/4	Disc	110					ing oc	CLPS(+	CE CF	44 45/	. es #	140 01	PECTI	) v	
						"E1"												
PAD JIS	Ç•?	***	5-7		TCIAL	Crano	200	110	357	600	1636	2000	35CS	5000		scco.	NH 45/4	
				cescr	265	COAES	144	266	500	194	1440	3444	*460	6464	7444		ANY HET	CBS
	٠.,	2.5	2.2			2.2	-1	٠.	•	+2	. 3		-1	- 1		.1	13-7	
NΕ	19.7	**2	3.1			1.0	.0	•	•	- 2	. 5	. ?	.1	-1	•	-1	25.7	
E .	11-4	2.1	1.7	-5		1.7	•	•	•	.2	. 3		-1	•	•	.1	14.0	
3.5	1.4	.5		.:		2.5	.0		.c	- 1	.2	• 1	•	٠.	-0	.0	2.7	
\$	2-5			. 2		2.*			•	•	. 3	•1	•	•		•	3.3	
54		1.7	. *	. 3		7.7	•	.5		- 1	. ?	-1		٦.	.0		4.6	
	5.0	2.2	1.7	. 5		7.7	•	•	•	.1		. 2	- 1	•	•	•		
N. 47	4.4	7.1	1.7			2.7	-1	•		.2	.2	.1	.1	•	•	•	4.1	
YIP	3.6	3.5				.0		.2	. 3		.5	.6		٠.	.0	.0	•0	
ZAL "	7.6	1.4	1.5			7.0	•	.0		- 1		•1					10.6	
240 101	3492	424	76.5	211	5400	2.1	10	- 5		46	192	71	37	1.	13	23	5211	5400
101 -61	04.2	17.7	14.2	3.4	100.0		• 2	- 2	- 1	1.7	2.6	1-3	. 7	- 3		. 4	42.4	100.0

TAPLE 7

## COMPLATISE PCT FREE OF SIMULIANCOUS GCCURPENCE OF CELLING HEIGHT INH DAYES AND WEST INH)

						TSAT IN	• •			
	•	CILING	: 09	1 C#	= FR	I 62	2 08	2 65	: CR	= C4
		FEF 1 :	>10	>5	35	>1	>1/2	21/4	>50+0	>0
		76500		- 7	.7	.7	.7	. ?	.7	. 7
=	55	252335	٠,٠	. 9	. *	.*	. 7	. •	.*	
:	Ç.	>35CC	1.5	1-6	1.6	1.4	1.5	1.6	1.6	1.6
=	64	>7656	2.5	2.4	2.4	7.4	2.9	2.4	2.9	2.*
7	Č.	21555	4.2	5.4	5.5	5.5	5.5	5.5	3.5	5.5
=	24	2662	5.7		9.7	6.5	6.8			4.5
=	22	>*2≏	5.4	6.7	5.5		6.9	4.9	6.9	6.9
:	ÇQ	3150	5.9	4 - 8	5.5	7.0	7.5	7.0	7.0	7.0
=	2.5	> 0	6.2	7.0	7.1	7.1	7.1	7.1	7.Z	7.2
		TETAL	315	348	395	195	395	399	401	401
			· -							

TOTAL NUMBER OF CSS: 5578 PET FREE SM CS/A: 42.8

TABLE 74

## PROCESSAGE FACE OF LOW CLOUDS ICIGHTHS)

0 1 2 3 4 5 6 7 A 085C0 085 47-3 17-5 17-6 4-5 7-6 2-5 2-1 1-7 1-2 -1 5846 +426+

							¥42	CH									
etefoot theinthat 1	67-1979						TARE					AP ( A	6613	•.••	#21601 **-7.	2= COT	SI
(0)(8-1(1) 3)	(12-1016	PE	RCENT (	17 23*1 112284	CALL S	514EC1	1164 41	re st	EDENCE LUES S	CP NO F ¥151	<b></b>	**[ \ C *	cf				
¥56*		٠.	3.0	٤	SE	5	Se	¥.	46	VAP		PCI	1011L 255				
(58)	PCP	.e	٠,5	.0	.: ::	.s	.s .s	.c	.0	.0	-5	.5					
(1/2	101 1	:	.0	.0 .0	.c	÷		.0	•		•	.1					
1/241	404 40 FCF	3.	•:	٠.٥	.e .e	::	.:	.c 	.e 9.	.e .e .c	9. 2. 3.						
	101 2 PCP	.c	.0	-			.9	.0	a. 2.	2.	.c	.0					
142	NO PEP	.0	 	a. a.	.0 .0	.0 .5	.2	.0		.c	•	•					
245	PCP NO PCP TOT 1	:î	.: :1	::	.0	.:	:	. 0	.:	3.	:	;;					
5<10	PCF NO PCF 101 1		.c 1.2 1.7	2.0 1.0 1.0	.¢	.¢		:3	4,	.; .;		4.3 6.3					
12-	PCP h2 PCP 101 %	17.6	25.5 25.5	14.3 14.3	.5 2.9 2.9		*.5	5.4 6.4	;; <u>;</u>	.c .c .c	10.0	,2 92.7 92.4	.54	.3			
	101 C61 101 FC1	14.6	24.2	34.5	**2	?-7	•.•	4.5	10.7	.:	11	150.0		-			

table •

ACOCCAL FACO OF AIRO DIRECTICA VS BIAS SPEED BIN VARATAG VALUES OF VISIFILITY													
<b>*</b> \$ <b>*</b> ¥	7¢C	,	M	ζ.	SE	\$	5-		45		CAL*	*51	TOTAL
(%=)	8.73					_			•	-5		• 1	
,	2-3	•	.0	. 0	.0	.c		::	-0	.5		•	
(1/2	1-16	-0		•	.3	٠.	:		æ	.ē		•	
	11-71	ě.	٠	.0	.3	.0	.0	:5	.5			-5	
	27.		.0	.0	-5	٠.5			~~	.č		-1	
	161 1	•	•	•	٠.	45	•	. \$	•	••			
	101	-							_	.0	.t	•	
		٠.		•	-5	٠٤	.0	.0	*0		••	•=	
	6-3			.0	.5	.0	.0	.0	.c	٠.		`-	
:/2<:	4-12	•9	: =	:5	.5	.0	•	.0	•5	.5		.0	
	11-71	.5	.5	Ξ.	.5	,c	.0		.0	-0	_	•••	
	22+	٠.5		••	Š	č	•	٠.٤	.0			•	
	161 3	٠.	•	•	.,							_	
					.3		.0	.5	.0	.7	•	•	
	6-3	-=	٠.5	۵.		.ē	•	.ā	.0	÷:		- 1	
142	4-15	•	•	.=	•	::	2.			.¢		•	
•	11-71	.5	•	•	-3	::			.0	-2-		٠.	
	27.	-5	.c	.5	.2		•						
	161 3	•	٠	•	•		•	•••					
	• • • •								•	3.	•:	- 3	
	0-3	•	•	- 1	•	•			•	. 5		. 3	
245	4-15	•	-1	- 1	•	•	-1	::	•	-5		-1	
213	12-23	•	. 1		.0	•						.2	
	22.			-1	•	.t		٠¢	.:		-,1	1.0	
	101 3	-1	.2	. 3	•	.1	-1	- 1	**	••	٠.	•	
	141 -	••							_	-5	٠,٠	2.2	,
		.3	. 3	. 1	•1	-1	-1	. 7	.7		•-	2.7	
	3~3	.;	.;			.2	• 3		- 4	-5			
SCIP	**10		:3	.;		•	•	•	•	·ċ			
	11-71	-1	.2	.;	-3	.c	-5	.2		.5	-		
	22*	•	1.2	::5		.5		. 7	.6	-с	••		
	101 1	.5	1.2		••								
					.:	1.0	1 - 2	2.1	2.1	٠.		23-5	
	2-3	2-5	1.4	1 - 2		2.1	2.0			.0		- 3 -	•
120	4-10	7.6	11.0	5-6	1.5		4.3			.0		22.1	
	11-21	3.0	10.1	6-1			•:		•	.5		4-1	
	22.	.2		3.4	. •	.0	4.5	5.7	4.4			• 7 • 3	\$
	101 1	13.6	25.5	14.3	2.4	3.3	-45		•••	-			
													4567
	101 645					_		4.4	15-1		11.5	100-	¢ .
	101 251	14.5	26.4	:5.6	3.2	3.4	5.0	***					

-125"

todico: (chisten) logi-feie

TARLE 1E

TREA DOID FICARAGUA SH COAST

# PERCENT FREQUENCY OF CEILING MEISHTS (FEETIMM 30/6) AND OCCURRENCE OF AM CS78 BY MOUR

≈3J# (\$~1)	200	150 296	105 500	600 909	1644	2000 3-99	7500 4599	5276	4500 7944	*200*	TOTAL	4H (5/5 4NV HST	TÜTAL OBS
50403	-1	.1	.2	.7	1.7	1.5	.6	-1	.7	.5	4.0	54.0	1421
rette	- 3	.1	-1	. 4	2.7	1.0	.5	•:	•2	. 3		*2.4	1344
12615	.3	-1	.1	2.2	2.7	1.3	.ŝ	-3	.3	.5	4.3	91.7	1509
16521	- 1	.0	-1		3.3	1.1	. 4	.3	.2	.•	4.4	*3-1	1564
101	11	5	*	.**	147	73	36	14	10	25	454	5443 93.1	5844 100.0

trate 11

7491E 12

		<b>*</b> [=[*\]	FRECULS	CY TSA1	Y (%*) !	FV HOLE		C64671					#584 14H3	
12-11 +064	<:/2	1/2<1	1<2	245	3010	10+	TCTAL OPS	⊬au£ (5=1)	<150 <50*0	<+00 <1		Trot.	84 (5/4 840 5*	CES
22122	.0	.1	.1	-7	5.2	94.0	1643	93(63	-1	.4	1.6	*.4	*3.5	1359
26654	-1	.6	-2	1.1	2.4	60.7	1693	26527	•3	.5	2.4	5.1	+2-5	1786
12615	.3	-1	•2	1.1	7.7		1927	12615	•3	-1	3.5	5.#	95.7	1435
1=£21	.9	.5	.2	1.2	4.3	14.5	1616	14621	-1	.2	1.5	5.4	92.6	1494
101	.1	:	11	\$* 145	4.3	\$567 \$2.5	7152 100.0	101 +C1	12	27	15.	303 5.4	5140 67.3	5574 100.0

149LE 13

	PERC	(%) F4	[ 00[ 40	7 27 21	[L47]	HOTE	::: *	15=+		
									TETAL	PC1
TEPP F	6-24	35-34	45-49	58-55	65-64	79-79	*0-84	40-100	632	FREE
95/99	.0	.:	.5					.:	•	. 2
92/99	.0		.0	- 3	.5	. 3	-1	.0	55	1-1
45/49			.,7		4.2	5.5	2.4		730	12.9
82/44	. 9				4.4	27.6		3.*	3-60	61.2
75/74		.0				5.4	11	5.1	1246	:2.9
70/7				.*		-1		1.0	74	1.7
65/55	.0					.0	•	•	2	
		٠,	- ;:	122	214			590	4443	150.0
TOTAL PCT	٠.			2.2	14.4					

T#8LE 10

	PERC	<b>CRT FO</b>	[CUESC	r ef 4	140 61	<b>EC110</b>	4 Bf 1	->	
	Ħ	€	st	\$	28	¥	**	445	EALM
		.c		•	.0	.0	•	٠.	.0
	.3	.1	•			-2	-1	-0	•2
2.3	2.4	1.	.6	.7	-7	1.7	1.6	-0	1.3
1.0	15.3	4.7	7.1	2.2	3.7	4.4	2	.0	7.4
2.4		4.5		-5	.5	1.1	1.8	.0	2.7
.2	1.0	.3	•	.0	.0	•	-1	.0	.1
•	.0	•	.=	.0	.0	-0	.0	.0	.5
•••	77.7	14.4	1.1	1.5	9.3		10-1	.0	11.7

74\*LE 15

	45.477	t a smit.	.7.140			٠	,		
HOUE 1541)	~47	**1	452	521	52	11	-14	-116	TOTAL
55355	- 64	45	36		27	74	42	12.2	1712
C4 62*	49	**	2.5	41	76	73	**	40.5	17*7
12615	14	44	24	45	75	72	5.7	43.0	1417
14521	•7	*1	. *	8.3	77	75	32	12.7	2171
101	5.0	90	6.7	67	74	7:	*:	41.5	75=3

149LE 16

#66# 1641)	E-3+	30-50	40-49	79-79	P2-89	•0-166	<b>元4</b> 8	TOTAL COS
RCED3	٠.:	1.3	14.0	45.2	32.4	8.1	7.6	1306
34624	.c	- 6	7.4	34-5	43.5	15.3	*1	1-01
12615		1.0	5.9	33.4	31.0	15.8	*1	1501
19621	.0	4.4	25.2	*2.2	22.7	3.5	7.6	1545
101	=	141	405	2312	1447	618	78	2443

PC T	FREG	05	110	TEMPERATURE	IDEG	£) .	AND	THE	OCCUPRENCE	0F	FOS	ENTTHOUT	PRECIPITATION	()
				44 476		754		TIOR			PL .			

AIR-SEA	65	69	71	77	81	85	8.0	>92	TOT		40	
TPP DIF	68	72	76	50	5 4	88	97			FOC	F05	
20/22		.0	٠,	٠.	.0	•0	.0	•	1	.0		
17/19	.0	.0	٠.^	.0	•	•	•	•	ŧ	• 0	.1	
19/15	.0	.0	• 3		- 1	•	.0		11		-2	
11/13	.0	.0			. 2	. 3	• 1		42		.7	
9/17	.0	.0	.0	• 1		. 4	. 1		67	. 0	1.1	
7/8	.0	.0		.5	. •	. 6	. 3	•	146	.0	2.4	
ŧ	•0	.0		. 5		. 5	. 2	• C	125	^	2.0	
5	٠ċ	. ?	• 2	.7	1.1	. 6			505		3.2	
·	.0	.0	. ?	1.2	1.6	1.2	. 3	٠c	2#7	• 5	4.6	
3	.0	•		1.2	1.4	1.2	. 7	.c	300	.0	4.6	
7	.0	.0		2.7	3.8	1.7	• 1	. C	546	•	8.6	
1	.ç	•	. 7	2.3	4.4	1.6	. 1	.0	564	•	9.1	
č	. 6		.,	3.9	8.1	1.4		.0	904		14.5	
-1	.0	•		2.9	6.6	1.1	.0	•0	707	•	11.4	
-ž	.0			3.5	7.7	. 4	٠.	·c	749	• 1	12.0	
-3	.0	.0		3.0	4.9	. 2	•0	•0	525	•	8.5	
	.0			2.5	3.9	•	.0	•0	444	. 5	7.2	
-5			. 3	1.9	2.0	. 1	.0	.0	267	•	4.3	
-6	.0	. 1		1.2	. 5	• 0	. 9	.0	130	.0	2.1	
-7/-5	.0	•	. 3	1.1	. 5		+0	.0	122	. ^	2.0	
-9/-10	. 0	•	. 1	. 2	•	.0	.0	•0	25	9.	. 4	
-11/-13	•	•	- 1	- 1		.0	.0	-0	22	.0		
TOTAL	4		381		3057		108			20	6174	
		20		1454		753		15	6194			
pet	. 1	. 3	6.7	26.6	40.4	12.2	1.7		100.0		09.7	

PERIOD: (OVFR-ALL) 1963-1979

				PC.	I FPEC C	F WIND	SPEED (	KISI AND DIRE	CIION V	ERSUS S	EN HEIG	HTS (FT)		
				K .							٠.٤			
HG7	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	1.2	2.0	. 1	•0	.c	.0	3.2	1.2	2.2	•	.0	• 0	•0	3.3
1-2	.6	5.0	.9	- C	• 3	.0	6.5	.6	3.6	1.5	.0	.0	.0	8.1
3-4	. 3	1.9	1.0	•0	. c	.0	4.2	.1	3.2	3.7	. 2	• 0	•0	7.2
5-6	. 1	• 4	.7	.0	• 6	.0	1.2	•0	.5	4.1	4	:	•0	5.1
.1	•0	.0	•2	.0	•0	.0	• ?	•0	.1	1.5	1.1	• 0	.0	2.9
8-9	.0	٠.	.c	.0	•0	.0	•0	•0	.0	- 3	:3	• 1	.0	. <b>8</b>
10-11	.0	.c	.0	•0	٠.	.0	•0	o.		• 2		•n	.0	.1
12	.0	•C	•0	•0	.0	.0	•0	.0	.0	.0	.1	• (1	•0	• • •
12-16	.0	•0	•0	.0	.0		.0	.0	.5	.0	.0		.0	٠.
20-22	:0	.5	•0	.0		:0	.0							.0
23-25	.6	ić.				:6	ĕ	:6	.0	::	.0	.0	.ŏ	:ŏ
26-32	.0	• 6	• • • • • • • • • • • • • • • • • • • •			š.		.0		.c	.0	.0		
33-40	.0	•0		.0	• 0	ē.		.0		.c	.0	.0	.0	.0
41-48	.0	.č		.0	ž	.5	.0	•0	•0	.č	.0	.c	.0	.0
49-60	.0	.0		•0	. 5	.0	.c	.0	.0	.0	.0	.0	.0	.0
61-7C	.0	.0	.0	·C		.0	.0	•C	.0	.0	.0	.0	.0	•0
71-86	.0	•C	.0	.0	.0	. c	.0	•0	.0	.c	.0	.0	.0	.0
87+	.0	+D	*C	•8	٠.	.c	•0	•0	.0	.c	.0	.с	.0	.0
TOT PCT	2.2	9.3	3 . 5	••	. G	.0	15.4	1.9	11.6	12.0	2.6	• 1	.0	28.2
				F							32			
HGT	1-3	4-10	11-21	22-33	39-47	48*	PCI	1-3	4-10	11-21	22-33	39-97	48+	PCT
<1		1.2			•0	.0	1.6	1,4				• 2	٠.	.,
1-2	.4	2.6	1.3	.0	• 3	.0	4.3	.2	.7		.0		.0	1.2
3-4	.0	1.5	1.2	• 1	• 2	.0	3.4	•0	.1	- 1	.0	·n	.0	. 2
5-6	.0	۰5	1.3	• 6	. 1	.0	2.7	•0	• 1	. 2	.0	.0	.0	• 3
7	.0	. 1	.6	• 3	* D	.0	1.1	•0	•0	.0	.0	•0	.0	•0
8-9	.0	. 1	.2	. 3	• 0	٠.	.5	•0	•0	•0	.0	• 0	•0	•0
10-11	.0	.0	.0	- 1	• 0	.0	.1	•0	.5	.0	.0	• • •	.0	•0
12	.0	-0	.0	٠.	. 5	.0	•0	•0	•0	.0	.0	•0	-0	•0
13-16	•0	•0	•0	•0	• 1	.5	- 1	.c	٠.	•c	.0	.0	.0	•0
17-19	5.	•0	•0	•0	.с	.0	•0	٠.0	•0	-0	.0	.0	•0	
20-22	.0	•0	•0	٠.	.0	.0	•0	•0	.5	.0	.0	3.	.0	. C
23-25 26-32	.c	•0	.0	.0	.0	.0	.0	.0	•0	9.	.0		.0	:0
		-5					.,	.0	•5	.0	.0	•0	.0	.0
33-40 41-48	.0	•0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0
44.48	.0	•0		.0	.0	::	.0	.0	.0	.0	.0		·ŏ	:0
6: -70	.0	•0	.0				.0	:0	:0	.c	.0	::	.0	
7: 86	.0	:0	.0	•0	.0		• • • •	٥٠		ů.		.0	.0	
** 75	.0		.0	.0	.0	.č	iŏ	:0	·ŏ	.0		.0	.0	
TOT 'CT		6.3	5.3	1.6	.1	.0	14.0	.5	1.5	.7	.0	.0	•0	2.7

1001034	(avfø	•ALL)	1963-1	970					PARCH				AREA	2010	WICARA!	GUA SE C	CAST	
•					t Fofo	ns .I%0			LE (CONT) AND DIREC		£ P S U S	SEA HEI	GHIS (FI		N \$6.	, 7 4		
HCT C1 1-2 3-4 5-6 7 6-9 10-11 12 13-16 17-10 22-22 22-25 26-25 23-3-4 41-46 67-7 71-76 67-70 PCT	1	-1:	11	5 27 - 33 00 00 00 00 00 00 00 00 00 00 00 00	34-47	of	PCT 9 1.3 7 7 . G	HIS:	1-3 -7 -7 -2 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	**10 **  *** **  *** **  ***  ***  ***	11-21 .02 .27 .00 .00 .00 .00 .00 .00 .00 .00 .00 .0	22-33 -00 -00 -00 -00 -00 -00 -00 -00 -00	000000000000000000000000000000000000000	***************************************	PC 5 - 6 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2			
HGT  C1  1-2  3-4  8-7  10-11  12  13-16  17-16  20-22  33-40  -1-8  41-8  41-8  47-17  10-17	***************************************	4-107 31.60 1.01 0.00 0.00 0.00 0.00 0.00 0.00	11-210-00-00-00-00-00-00-00-00-00-00-00-00-0	.0		***************************************	PC1		1-3 1.00 .00 .00 .00 .00 .00 .00 .00 .00	4-10.A.S.S.S.S.S.S.S.S.S.S.S.S.S.S.S.S.S.S.	.0		1 34-47 	***************************************	9CT 3.00 6.7 1.1 .2 .0 .00 .00 .00 .00 .00 .00 .00 .00	TOTAL PCT		
					MGI  41 1-2 3-4 5-6 7 8-9 10-11 12 17-16 17-12 23-25 24-35 33-4 44-00 71-56 97- TOT PCI	0-3 16.9 3.7 .1 .0 .0 .0 .0 .0 .0 .0	SPEED ( 12.00 ) 12.00   12.00   13.10   14.70   15.10		22-33 :: .0 .0 .0 .0 .0 .0 .1 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	21GHT 6	**	PCT 21.0 34.4 19.0 19.2 1.3 .5 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	101 005					
PEP10B (SEC) <6 6-7	<1 5.1 .2	1-2 19.3 2.5 1.1	3-4 14.1 5.5 2.4	PE 5-5 5.5 5.2	7 8- 2.3 1: 2.2 1:	9 ,6-11	0F WAVE		HT (FT)			.0 .0 .0	0 41-48 0 .0 0 .0	•0	.0	.0	7- TOTAL .0 2582 .0 896	HG1 3 5 5
	.0 .0 .0 1'.9 1 10 20.1	.0 .0 1.8 1267 25.2	1.1 1.0 .0 2.1 1327	.5 .5 .9 8C*	.3 .	2 • • • • • • • • • • • • • • • • • • •	.1	.0	.0	.00000	.00000	.0	0.0	•0	.00000	.0 .0 .0	.0 177 .0 102 .0 43 .0 859 .0 5019 .0 100.0	5 6 1 3

AREA COLO - NICARAGUA SH COAST 9.6% - 86.7m

PERCENT F	DECUENCY	OF	-FATHED	OCCURPENCE	54 Y	LIND	DIFFCTION

				PFC IP I	14110	. TYPE					01468	SEATHER	PHENC	MENA	
PIC ON	P4 [4	PAIN SHAR	nezt	FRIG PCPN	SHOL	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPN PAST HOUD	IHDR LING	F06 40 PCPh	FOG LO PCPN PAST HR	SHOKE HAZE	SPRAY BLWG DUST BLWG SHOW	
N .	. 1	.5	•1	ئ	٠.	,0	.c		• 7	٠,٠	- 1	.0	1.3	.0	94.9
NE	. 4	. 2	•	.0	٠.	.0	.0	.7		1.4	. 2	.0	4.0	. 3	93.4
ε	. 3	. 2	.5	٠.	.c	.c	.0	. 9		1.4	. 1	.0	5.0	.1	91.2
SE	1.7	. 7	. 4	.0	•0	. 3	.5	2.7	2 • 2	3.6		.0	2.5	• 0	58.5
Š	1.5	. 2	.2	.c	•0	.0	.5	2.5	3.4	2.3	. 2	.c	1.0	• 0	88.3
51.	1.2	1.0	.3	.0	• C	.0	• 0	2.4	1.7	3.5	. 1	•0	4.6		87.3
	. 3	. 5	.5	.0	3.	.0	• G	1.4	1.0	4.1	. 3	.0	3.6	.0	
Na	. 5	.1	. 8	٠.	٠.6	. c	. 0	1.3	1.2	2.1		. 0	* .0	•0	90.1
VAR	•0	.0	.0	.e	٠Ċ	.0	•0	•0	3.				.0	•0	.0
CALM	. 1		.c	•6	.0	•0	• 3	.6	. 4	2.1	1.0	- 1	0.4	•0	86.3
TOT PCT	6200	. •	.3	•0	.0	•0	.0	1.2	1.0	5.5	. 3	•	4.9	.1	90.4

#### TABLE 2

## PENCENT FREQUENCY OF MEATHER OCCUPRINCE BY HOUR

				RECIPI	12110	1 TYPE					OIHED	<b>LEFTHER</b>	PHENC	HEND	
HOUP (G#1)	RAIN	PAIN SHER	CPZL	FR7G PCPN	SHOL	OTHER FRZN PCPN	MAIL	PCPN AT OR TIME	PCPN PAST HCUP	THOP LING	FOG WO CCPN	FOG WO PCPN PACT HP		SPRAY BLUG DUST BLUG SNOW	
00003 06009 12015 16021	.4 .7 .3	.2	.1 .1 .7		.0	.0	.0 .0 .0	* .8 1.1 2.1 1.1	. f . 7 1 - 5 1 - 1	5.7 2.3	.1	.0 .0	5.5 5.2 4.6 4.3	• ? • 1	91.9 86.9 88.8 92.9
TOT PCT TOT OBS:	6425	.4	.3	•3	.0	.0	٠.	1.3	1.0	5 • 3	.4	•	٠,٠	•1	90.2

## TABLE 3

## PEPCENTAGE FREGUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		= I N	n SPE	ED IKN	15)								HÔLR	(GMT)				
ALC 315	0-3	4-10	11-21	22-33	34-47	46+	TOTAL	PCT	PEAN	ao	23	9.0	29	12	15	16	21	
							095	FREC	500								_	
h,	2.4	6.5	2.2	. 1	•0	.0		11-2	7.7	8.4	9.6	6.0	19.4	14.5	15.1	14.3	13.0	
NE	1.9	9.5	7.9	1.1	•	٠, ١		19.8	11.1	16.3	17.2	12.6	23.3	23.2	18.8	25.6	25.8	
٤	1.6	7.0	5.9	. 7	• 0	٠.		15.1	10.7	12.3	12.4	15.6	15.3	15.6	16.2	17.2	9.4	
SE	1.2	3.5	1.0		. 5	.0		5.7	7.2	7.1	4.7	8.0		3.:	5.4	4.6	7.2	
•	1.6	4.4	. 7		.0	.0		6.8	6.3	10.8	9.1	7.3			6.3	5.3	7.0	
Š¥	1.6	5.5		. 1				7.9	4.4	12.8		6.7		5.1	3.2	5.5	8.6	
	5.6	9.0	1.0		•0	٠.		11.7	6.2	14.4			13.3	17.6	13.3		9.7	
No.	1.9	5.9	• 9	.0	•C	.0		8.5	6.3	5.9	7.2	6.0	12.1	10.	13.6	9,4	11.2	
VAR	- 3	.0	•0	۰,0	•0	.0		.0	•0	•0	.0	.0	.5	.0	•0	.0	.0	
CALF	13.0							13.0	.0	12.0	12.6	19.5	6.9	13.1	7.7	9.5	7.2	
TOT ORS	1933	3465	1413	141	3	0	4955		7.3	1485	135	1537	132	1597	156	1761	152	
TOT PCT	27.9	20.4	20.3	2. ^		. 6		100.0		100.0	100.0	100 0	100.0	100.0	100.0	100.0		

TAPLE 34

		SIND	SPEED	(ANOTS)						нои	1491	)	
ALD DIR	0-6	7-16	17-27	26-40	*1*	TOTAL	PCT	"EAN	co.	0.6	12	18	
						C# Z	FREG	SPD	C3	G9	15	21	
*	5.6	4.8	.7	•	•0		11.2	7.7	e.5	6.8	14.6	14.2	
NE.	5.0	9.8	4.3	• 2	.0		19.8	11.1	16.4	13.4	22.8	25.6	
E	5.0	7.3	2.9	•	.0		15.1	10.7	12.3	15.6	15.7		
SE	3.1	2.4	• 2	•0	. 3		5.7	7.2	7.3	7.7	3.4	4.8	
Š	4.2	2.5		.0	•0		6.8	6.3	10.5	7.2	5.4	5.5	
S¥	4.9	2.8		.č	3.		7.9	6.4	12.6	8.7	4.9	5.8	
¥	7 . 3	4.3	.1	•6	,c		11.7	6.2	1-1	13.4	11.0		
118	5.4	3.2	.i	č			6.6	ĭ.;	6.0	8.4	10.7	9.6	
YAR	.0	.0	.0	.0	.0		•5	, c		.0	.0		
CALM	13.0	•••			••		13.6		12.0		12.6	9.4	
101 OPS	3745	2538	568	14	5	6955		7.3	1670	1669	1753	1913	
TOT OCT	84.4	17.3	4.2		č	0.53	100.0					100.0	

ō	ø	٠	

	APFIL	
PEPIOD: (PEINA) 1051-1479 VEPI-5081 (1914-5340)	STAPLE =	APEA 0010 NICARAGUA SW COAST 9-3N 86-7W
	PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)	
MOUR CALM	.IND SPEED (MNCTS) PCT 1-3 4-10 11-21 22-32 34-47 44- MEAN FRED	TOTAL OFS

United 12:0 15:3 55:1 12:8 .7 .1 .0 6:4 100:0 1620 06:07 16:5 15:2 49:2 15:6 1.3 .0 .0 .0 6:3 100:0 16:9 12:15 12:6 14:3 45:4 74:6 3:1 .1 .0 .0 .0 .0 .0 .0 12:00:0 16:9 12:15 12:6 14:3 45:4 74:6 3:1 .1 .0 7:9 10:0 17:0 10:0 17:3 14:21 7:4 14:4 47:5 25:6 2:9 .1 .0 6:3 10:0 19:3 10:1 3 0 7:3 60:5 7:1 13:0 14:5 49:6 20:3 2:0 6 .0 17:0 05:5

			1	MALE S								7,	ARLE 6					
•	CI FRE			CLGUD A D DIPFC		(E IGHTHS) HEAR		1					CEILIN NH (5/					
AND CIS	0-7	3-4	5-7	3 8	TOTAL OBS	COAED	700 149	150 259	300 599	999 600	1000 1999	2000 2000	3500 4999	5000 6499	6500 7999	*000+	NH 45/8 ANY HGT	
NE E SE	10.1	2.7 *.6 2.1 1.7	2.# 4.1 3.4 1.7			3.5 2.5 2.5 4.1	•0	•	-1 - - 1	.3	.6	.4	.1 .3 .1	•1	.0	:1	9.5 18.1 13.7 4.2	
S SW NA VAR CALM TOT OBS TOT PCT	1.7 2.0 3.5 2.8 .0 5.7 2074 40.1	1.5 2.4 2.1 .0 2.9 1164 22.5	2.4 2.7 4.9 2.7 .0 3.5 1427 27.6	1.4	\$173 100.0	4.5 4.6 4.2 3.9 .3 3.4 3.5	.0 .0 .1 14	.0 .0 .0 .0	.1 .0 .1 .1 .1 .27	.2 .6 .4 .0 .5 169	.6 1.0 .0 .6 300 5.8	.4 .3 .0 .6 .6 3.2	.1 .2 .2 .2 .5 .5	• • • • • • • • • • • • • • • • • • •	.0 .0 .1	.0	5.2 6.0 7.1 7.2 .0 11.0 4353 84.1	5173 100.0

TAPLE 7 CUPULATIVE PCT FRED OF STMULTANEOUS OCCURRENCE OF CETLING METGHT (AM >478) AND VSBY (AM)

				VSBY (Nº	:)			
CEILING	2 0K	= OR	= OR	= 08	= OP	2 CR	≥ OR	= CR
(FET1)	>10	>5	>5	>1	>1/2	>1/4	>5010	>0
2 0R 36500	-6	. t	.6	.6	.6	.6	.6	.6
= 08 >50C0	1.0	1.1	1.1	1 - 1	1.1	1.1	1.1	1.1
= CR >3500	2.3	2.6	2.7	2.7	2.7	2.7	2.7	2.7
= OR 32500	5.0	5.8	5.9	5.4	5.9	5.9	5.9	5.9
2 OR >1000	9.8	11.5	11.6	11.6	1:.6	11.6	11.6	11.6
2 02 3600	12.4	14.€	14.9	14.9	14.9	14.9	14.9	14.9
# CR >3UO	12.0	15.1	15.4	15.4	15.4	15.5	15.5	15.5
= CP >150	12.9	15.2	15.5	15.6	15.6	15.7	15.7	15.7
2 (k ) D	13.0	15.5	15.6	15.9	15.9	15.9	15.9	15.9
TOTAL	697	277	845	249	850	851	851	851

TOTAL NUMBER OF CES: 5347

TABLE 7A

PERCENTAGE FREE OF LOW CLOUDS (EIGHTHS)

spoit

								•	P-1C								
PERIOD: (PPI	MARY) 1 R-ALL) 1							1.4	ALC E				304	# no10	9.65	ARAGUA 86.7	121
			P	EKCENI	FPEQ PREC				VS OCCI VING V					FOF			
	4564 (44)		N	HE	ŧ	sε	5	S •	•	**	VAF	CAL =	PCI	1014L 085			
	<1/2	PCF NO PCP	.: ::	• • •	.0	.:		.c	.c c.	9.	.0	.:	:				
		101 1 PCP	.0	.0	.0	•	•	٠.	.n .c	.0	۰.	•	. 3				
	1/2<1	10 CP	.0	.0	.0	.c .c	.0 .0	.0	.0	.c	0.	•0	• 6				
		PCP	•	.9	:	٠.	.0	:	a.	:	.c	*D	.1				
	1<5	NO PCF	:	:0	·c	.c .c	•	•0	:	•:	9.	:	.1				
	2<5	PCP NO PCP	:	. ;	•	.1	.1	.1	.0 .1	.1		.0 .1	.1 .5				
		101 1 PCP	:	.1	•	•		•	-1	•	• • •	•	. 4				
	5<10	101 1		1.5	1.3	.,	.5 .5	.5	1.0	1.1		1.0	9.5				
	12+	PCP NO PCF	10.2	15.2	.1	• 1	.1 (.1	.1	10.4	7.5	.0	10.9	.5 £4.7				
		101 1		14.2		4.2	4.1	6.9	10.5	7.5	٠.	10.0	69.7				

TOT DES 101 PCT 11:2 16:5 16:4 5:5 6:5 6:7 11:7 8:7 .C 17:5 100:0

TAPLE 9

VSBY	SFD		۸£	ε	SE	5	5*		ħ n	410	CALP	PCT	TOTAL
£4#1	KTS												oes
	0-3	•0	.0	. C	. 3	•	.0	.0	.0	٠.	•	•	
<1/2	4-10	•	•	•	• C	•	• 0	. U	•	-0		. 1	
	11-21	•	•	•	•	.0	- 0	.0	.0	•€		•	
	22+	.0	.0	.0	-0	-0	.0	.0	.0	.0		٠.٥	
	101 1	•	•	•	•	•	٠٤	•0	•	.0	•	- 1	
	0-3	•0	•	.0	. ၁	•0	• :	.0	- C	.0	•	•	
1/2(1	4-15	.0	.0	.0	٠.	.0	•0	• 0	.c	•0		•0	
	11-21	. ၁	٠.5	.0		•0	•0	•€	.0	-0		•0	
	27+	• C	.0	•6	.0	• • •	•0	.0	·c	-0		٥.	
	101 1	.0	•	٠.	•0	.0	.0	·c	.c	• 2	•	•	
	0-3	•	.0	.c	.0	.0	-0	- 1	•	•0	•	-1	
1<2	4-10	.5	• C	٠.	•0	٠.	•	٠.	•	5.		•	
	11-21	•	.0	•	.0	•	٠0	•¢	•	.0		-1	
	22+	.0	.0	•0	•0	.c	.3	٠.5	•0	.0		.0	
	101 1	•	•0	•	-0	•	•	. 2	•	-0	•	•2	
	0-3	.0	.0	•	•	•	•	•	•	٠.	- 1	- 3	
2<5	4-10	•	•	•	- 1	- 1	. 1	- 1	. 1	•0		• •	
	11-21	•	• 1	•	•	•	- 1	:	.1	r		- 3	
	22+	.0	.0	•	•0	•¢	-0	-0	0	• • •		. :	
	ICT &	•	- 1	- 1	.1	.1	• 1	•1	•2	•с	.1	1.1	
	0-3	-2	.2	. 1	-2	-1	.2	. 7	.3	.0	1.5	3.3	
5(1)	4-16	+6	. 8	• 7	•		. 6	3.	.6	.0		4.6	
	11-21	- 1	- 6	.5	•2	- 1	• 1	• 5	• 2	-0		1.9	
	22.	٠,	. 1		:	•	-9			.0			
	101 F	. ŧ	1.7	1.4	.7	.6	. 4	1-1	1-1	• 2	1.9	10.2	
	0-3	2.1	1.6	1.4	1.3	1.4	1.3	2.2	1.6	.0	15.9	23.6	
13.	4-10	5.5	6.0	6.3	3.0	4.0	•••	7.1	5.1	.0		16.5	
	11-21	2-1	7.4	5.5		•6	-6	. 9	.7			2.0	
	22•	1	1.1	6	. :		• 1	10.2	7.3	3.	10.9	18.3	
	101 #	10.2	14.1	13.5	*.5	6.0	6.9	13.2	1.3	•0	10.7	36.3	
1	101 0ªS												6467
	OT PCT	11.1	20.0	15.4	5.6	6.8	7.9	11.5	8.6		13.0	100.0	

APRIL

TARLE 13

PEFCENT	FREQUENCY OF	CEILING	HEIGHTS	CFEET.NH	34/81	AND
	OCCUPAT.	ACC OF A		MULTIP TO		

		Offichature 2) of 62/6 By both												
400A 400A	6°3	396							6500 7999		TOTAL	PM <5/8 ANY HGI	TOTAL OBS	
20103	.2	- 2	. 5	2.0	4.4	2.9	1.6	. 6	. 3	.6	14.1	45.9	1353	
26603	. 5	.2		2.5	5.0	2.1	2.2		.2	.0	14.2	85.A	1283	
12616	. 3	.2	.5	4.6	6.1	3.5	1.4	- 1	.1	.6	17-4	82.6	1460	
18621	.1	, •	. •	2.5	6.1	3.7	1.2	. 7	. 3	• 3	15.6	84.4	1452	
101	15 • 5	10			379 5.6					21 •4		4700 84.6	5554 100.0	

1/est 11

TABLE 12

		9575541	FREQUEN	CY 454	, (ne) :	PY HOUP		CUMULAT					4584 (NP) 9004 TA.(	
HC1:R (5~1)	< 1/2	1/201	142	245	5(17	10•	TOTAL GRS	HONA (GPI)	<150 <50Y2	<60t	<1010 <5	1000 • A405 •	NH <5/8 AND 5+	TOTAL
20102	. 1	-1	•2	1.1	9.2	49.4	15/2	00103	•2	. e	*.*	10.5	85.2	1310
56176	•:	.c	. 1	1.2	10.7	97.5	1610	6019	.5	1.3	4.6	10.0	84.6	1216
13614	. 1	•0	. 3	1.3	10.9	97.3	1727	12614	•2	. 9	6.7	11.0	81.4	1416
10621	.2	. 2	. ?	.4	10.*	**.4	1786	18651	.2	1.6	3.7	12.5	83.8	1405
101 PC1	11	?	16 • 2	73 1 - 1	691	5922	6715 100.0	101 PC1	15	54 1.0		61° 11.5	4474 83.7	5347 100-0

TABLE 13

TABLE 14

	PERE	ENT FR	t curne	4 OF 21	LLATIV	HL-10	)]]Y +	T ( PP				PFPC	CAT FR	COUFAC		IND DI	RECTIO	N 87 1	E#P	
IEMP F	U-24	30-39	40-40	50-59	60-60	76-74	*C-#c	90-100	TOTAL	PC1 FREQ	N	A.E	£	SE	s	5 6		44	VAR	CALM
95/06 90/94 85/99 80/84 75/76 70/74		.0	.1	.7	4.6 2.	25.5	21.7 29.9 6.4	-0 -0 -4 5-8 3-9	91 977 3612 662	1.7 18.2 67.4 12.3	.0 .2 2.5 7.7 1.1	3.1 13 C 3.5	.0 .2 2.1 4.7 2.9	-0 -1 1-0 3-5 -5	.0 .1 1.5	.1 1.8 5.2 .5	2 2.4 8.2 .8	-0 -2 1-+ 5-7 -8 -0	.0	2 2.0 9.2 1.8
PCT	•:	1	-1	1.4	12.5	1966 37.0		551 10-3	5363	100.6	11.6	20.1	15.0	5.2	7.0	7.6	11.6	8.6	•0	13.3

TAPLE 15

	reaks,	[XTPFH	S AND	PERCE	TILES	CF IE	PP (5E	c f) 9	T -CUR		repc	ENT FRE	QUENCT	OF RELA	IIAE M	#IDIT	84 HOUR	,
HOUR (GFT)	*4*	992	462	501	51	12	*15	*6 42	INTAL OBS	HOUR (C#1)	0-24	30-59	65-64	70-79	80-89	*0-100	METM	TOTAL
00663		A.	6.7	83	7.	76	73	67.8	1667	00003	.0	1.1	12.1	44.5	34.8	7.5	7.6	1327
C6EC9	4C	5.5	85	8.7	78	75	٤ç	61.5	1732	06 £00	.0	. 4	6.7	30.6	47.3	14.8	82	1352
12415	69	86	54	e i	77	75	71	\$1.2	1798	12615	.0	.6	8.0	30.3	46.3	14.0	41	1446
18621		92	90	84	79	7.		64.3	1962	16221	•0	4.2	23.0	42.9	24.4	4.9	75	1440
101	97	90	5.0	62	74	75	60	e2.5	7154	101	c	40	709	2064	2129	573	7+	5565

APPIL

PEPIOD: (PPIMAPY) 1053-1076 (GYER-ALL) 1862-1979

146LC 17

APER OCIO - NICAPAGUA SE CORST 9.6% 86.7.

PCT FREQ OF	#12 1EMP	ERATURE	(056	F) 45	THE	OCCURRENCE	or re	1004114001	PPECIPITATION
		VS AIG	-564	IEMPE:	RATUR	E DIFFEPENCI	1055	S F)	-

AIP-SEA	69	73	77	81	AS	80	392	101		80
IND DIE	72	3.0	ŧζ	84	46	45			FOG	FOG
27/19	•0	.0	.0	.0		.0	.0	1	.0	•
14/16	- 0	.0	-0	- 1	•	•	.0	ŧ	.0	- 1
11/13	-0	.0		. 1	• 1	. 1	•0	22	•	. 3
9/10	-0	.0	- 1	. 2	.2		- 1	41	• 3	.7
7/5	•0	•	. 2	. 4		. 3	. 1	96	•	1.7
6	•0	•	- 1	.4	5			86	.0	1.4
5	• 0		. 3	1.1	. 7	. 3	.0	159		2.7
•	-0	- 1		1.5	1.4	. 4	.c	239	. 2	4 - 1
3	• 2	- 1	. 6	2.0	1.4	. 4	.5	2 * 4		4.8
2	•	• 2	1.4	3.6	2.5	- 1	• 0	479		8.1
3 2 1	-0	.2	1.5	4.1	2 - 2	. 2		486		4.3
C	٠Ċ	- 1	2.3	9.0	2.0	•	.0	541	- 1	14.2
-1		. 1	2.5	7.6	2.0	•	.0	717	9.	12.2
- 2	٠,٥	. 2	2.5	10.3	• 6			£28		13.7
-3	-0		2.1	6.7	. 5	.0	•0	547	٠.	9.3
-4	-0	.1	2.1	5.1	• 2		.0	443	- 1	7.5
-5	·č		1.7	2.5	. 2	- 2		243	- ;	4.6
-i	•0	.1	1.5	1.0				152	.0	2.6
-7/-6	•0	.2	1.2		-0	.0	.0	119	.c	2.0
-9/-10	-0				• 6	- 20	.c	37		
-11/-13			. 2				.0	17		. 3
-14/-16	•			.0	3.		.c	2	.0	
TOTAL	3		1244		1616		15	•	23	5816
	-	112		3335		140		5859		
PCT	• 1	.,,	21.2		17.2	2.4	.3	100.5	.4	99.6

PERIOD: (CVER-ALL) 1943-1979

								_			•				
				٠.								16			
HGT	1-3	4-16	11-21	22-33	34-47	484	PC T		1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	1.1	2.4	٦.	.0	•0	. 0	3.5		1.3	1.7	.0	.0	-0	.0	3.0
1-2	.7	4 - 1	.7	-0	•0	-0	5.4		. •	4.5	1.5	.0	•0	•0	6.5
3-4	.?	1.6	.7	.0	• 9	•6	2.4		•	2 . 3	3.0	• 1	•0	•0	5.4
5-6	.0	+1	• •	.0	•5	•¢	• •		+1	• •	2 . 3	• 2	.0	.5	3.0
.7	· 5	-5	.,	. C	•0	•¢	- 2		•0	- 3	. 0	• •	• 0	.0	1.3
#-9 10-11	.c	٤٠	٠.	٠0		• 6	.0		٠0	•0	:2	. 9	.5	.0	. 3
12	.0	::		.0	•¢	.c	.1		.c	.0	.6	-1	•0		.3
13-16	.0	•0	.1	.0	.5	•0			.5		.0	•0	:5	•0	:ŏ
17-19	.0	••	3.	.5	.0	.0	.0				٠,٠	::		.6	.0
20-22	•6	•0	::		.5	::	.0		:0	.0		:5		.6	
23-25	ě	-0		.5	ě	3.			::	•6	.0	.0	·	.ŏ	.0
26-32	.c		. 1		. 0	•0			īč	.6	.c	.0	, c	•0	.0
33-40	.c		.0		. 5		. 2		.0	. 5	• 0	.0	.0	•0	.0
41-44	-0	-0	.0	.0	.^	• • •	. 5		-0	•0	.0	.0	2.	•0	.0
49-60	9.	- 5	.0	-0	. 0	.0	. 7		.0	- 0	.0	.0		.0	-0
61-70	.0	+0	• 0	.0	• ?	• 3	.0		.0	- 2	.0	•0	٠.	•0	-0
71-86	.0	•¢	• 0	.0	• • •	•0	-0		.6	-0	.t	+0	٠.	•0	-0
97+	•0	• 0	•0	.5	. 5	٠.	• 9			- 0	. 0	•0	• • •	-0	•0
101 PC1	2-0	1.3	2-7	• 3	.0	• 6	12.0		1.6	9.4	*.2	. 7	• 6	•0	20.0
				•								SE			
HET	1-3	4-10	11-21	22-33	34-47	48.	PCT		1-3	9-15	11-21	22-33	34-47		PCT
G	٠.6	1.6				3.	2.3		6	. 8		.0	· · e	•0	1.
1-2	-5	3.0	1.0	.0	.5	•6	4.5			1.6		.0		.0	2.4
3-4	. 2	1.6	3.4	•0	. 5	٠٥	3.7		•	• €	. 2	.0		.5	1.0
5-6	.0	. 4	1.4	•2	-0	.0	2.0		-0		- 1	.5	٠.	• 5	.5
7	-¢	- 1		.0	.0	.0	. 9		.0	• 1	-0	•	٠,	-0	•2
8-9	.0	-0	.7	-0	• •	•0	• ?		.0	•0	.0	-0	.0	.0	-0
10-11	•£	.5	- 1	- 1	. 7	•0	. 1		.0	. 3	-0	.c	٠,	•0	.0
12	٠.0	•0	+1	.0	2.	٠.c	-1		.0	•0	.0	.0	• • •	•5	•0
13-16	-0	٠.	•0	-0	•3	+0	.5		.0	- 3	•0	.0	• 5	-c	٠.
17-19	•6	•0	.0	.0	• 5	٠¢	-0		٠.٥	-0	.0	-5	7.	•0	.0
20-55	.0	•0	•6	•0	.0	٠.٥	•0		-0	٠.5	•0	-0	•	-0	.0
23-25 26-32	•0	-0	.5	.0		•0	.5		.0	.3		.0	2.	٠0	•6
33-40	•6	.0				3.	.5		3. 0.	.5	3.	.5		.0	.0
41-44	.0	3.				::	.0		.0		.0	.0	Ċ	.5	.0
49-6C	.0										.0	.0	:6	.0	
61-70	.0	••		.0	żś		.5		.č						.0
71-86	.0	:0	.0			.3	.č						÷	č	.6
87*	.e		-0		.5	.č					3.	.5		.0	.0
TOT PCT	1.3	4.6	5.6	. 3		ž.	13.9		1.1	3.8			ĬÁ	.0	5.7

PEP1SU:	COVE	-agti	1953-1	079					APRIL				APEA			GUA SH COAST
								44976	18 (CONT)	1				9.0	en so	.74
				PC	1 FSEC 0	f aise	2056*	ERTS:	AND DIREC	Her v	ERSUS S	EA HEIS	HIS (FI)			
					-											
HCT	1-3	4-10	11-21	22-33	34-47		PCT		1-3	4-10	11-21	22-23	34-47	*5*	PCI	
463 <3	1-3	1.5	.11-21	22-33	.C	40.	2.7		1-3	1.7	11-21	.0	.0	• • • • • • • • • • • • • • • • • • • •	2.1	
1-2	.;	3.0		.0	: 5	3.	3.6		: ;	3.3		.5	, n	.8	3.4	
3-4	.ć	7.7		.0	77	::	,,,		ić.	1.1		.;			1.3	
5-6	ij	::	::			:č			:5	*::	::			:0	1.2	
7	:6	3.		::		::			č			.1	.ó	.5	:3	
A-9									.0			.0		.0		
10-11	.c				. 1		.á			.5	.c	.0		ě	.5	
12	• 5	.č		3.		.0			.5	.0	9.	3.		.0	.0	
13-16	'n		٦.	. 5	٠.	.0	.0		.0	.0	.0	.0	.0	•0	.0	
17-19			· è	. 0	• 2	.0	.0				.0	.0	.0	.0	.0	
20-22	.0		1	.0	. 0	.0	.0		•6	-0	.0	-0	.0	٠Ĉ	.0	
23-25	.0	.0	. n		. ^	.0	•0		· c	.0	• 0	.0	.c	.0	.0	
26-32	• C	.0		•0		.0	.0		.0	.0	.0	.0	••	.0	•0	
33-4C	.0	٠.		-0	• c	.0			•0	.0	7.	-8	٠.	•0	•0	
41-48	•c	•0	.^	•0	.c	٠.			.0	.0	.c	.¢	.0	.0	.0	
49-6C	.0	٠.	.0	• 7	. :	.0	.0		•0	• 0	.0	• • • •	٦.	•0	•0	
61-70	.0	-5	.~	.0	٠.	.0	. ?		٠,	.5	.c	٠.	٦.	.0	•0	
71-26	.0	٠.		-0	•с	.0	.0		.0		•0	•3	• 5	-0	.0	
£7+	٠.	٠,	• •	-0	٠.٠	.0	. 2		.5	.0	.c	.0	•:	•0	•0	
101 PCT	1.4	5.3	. 7	-1	.¢	.0	7.4		.9	5.8	.,	• ?	.7	.0	7.4	
				i								٠.				TOTAL
#61	1-3	4-10	11-21		34-47	48+	PÉT		1-3	4-10	11-21	22-33	34-47	40.	PCT	PCT
(1	1.1	2.6		.5			4.2		.,	2.3		•0		•0	3.1	
1-2	.3			.0			4.6		.5	2.1	. 2	.0	.2	.0	3.4	
3-4	. C	1.0		. 1	. 5	.0	2.0		.0	. 6	. 2	.0		.0	. 9	
5-6	. 7	-1	• • •	.0		.0	.1		-1			.0	.c	.0	-1	
,	.0	. 3	• • •	.0	. 2	.6	.0		•c	. 5	٠.	-0	٠.	.0	.0	
8-7	• ^	. :	٠.	.0	.7	•0	• • •		-0	.0	. C	.0		•0	.0	
14-11	•0	.0	• 5	•0	.^	٤.	• 6		.c	.0	.0	-0	٠.٢	•0	•0	
12	• 5	• 0	• 8	٠.	• 2	.c	.0		.0	.0	3.	٠.	.0	• C	•0	
13-16	٠c	-0	• [	.0	- 5	٠.	٨C		.5	.0	٦-	.0	•0	•3	•0	
17-14	• 0	•0	•c	.0	•0	.c	.0		٠.		-0	٠.	·ŗ	•0	.0	
20-22	٠.	.:	• •	٠.	.2	• 3	•0		•¢	. 2	.0	•0	•6	•0	.0	
23-25	•:	ء.	• • •	-0	• • •	•0	.0		-0	.0	2.	•0	•0	٠.	.0	
26-32 33-40		٠,٤	÷.	.0	:2	.0	.0		•0	.0	.0	.0	:5	•0	.0	
33-40 41-48	.0	3.	::	.0			.5		••	.0		•6		•0	.0	
49-63	.3	3:		.0					•0	.5			:,	.0	::	
61-76				.5		3:	.5			 2.	.0		.0	.5	:6	
71-86	.0	3:			.5		.;					.5	.0	.0	.0	
67*	.,	::		.5					.0	 3.	. č	.0	.0	.0		
TOT PCI	1.4	8.6			. 2		11.0		1.3	6.0		.0		.0	7.9	85.6
••						- •					- •					

	¥140	SPEED	(*15)	YS SEA	HE IGHT	(51)		
#3T	C-3	4-10	11-21	22-23	34-47	48•	PCT	7C7
<1	22.6	14.3		•0		.0	36.6	•••
1-2	4.9	25.9	4.7	.0	.0	.0	35.5	
3-4		10-1	6.3	. 3		.¢	17.3	
5-6	. 3	1.5	4.2	.4	.0	-0	6.4	
7,	-0	.5	1.5	.5	.5	.0	2.9	
4-9	.:							
10-11	٠.		. 3	.1	.0			
17	.c	.0				3.	.1	
13-16	:3		::	ő.		3.		
17-14	.č		.6			.č	ž	
20-22				.0		3.	.5	
23-25	.0				:5			
26+37								
	٠٤	.0						
33-47	•0	• 0	-0	- 5		٠.	.0	
41-45	.0	-0	.0				-0	
44-60	.5	. 0	٠.	•0		٠.	.0	
61-75	.0	• 0	.0		.:	.5	٠.	
71-26	-0	.0	.0	.¢	.0	3.	.0	
.7.	.6	•0	.0	.ċ		.0	.c	
								1437
101 PCT	27.5	52.4	18.5	1.3	٠.	•¢	100.0	

btolo	D: 1CV	EC-ALL	) 194	9-1079	,				TOPLE	10											
					PEPCEN	F 7260	UFACT (	-	AE HEIS	SHT (F	T) VS	WAVE P	20123	ISECON	51						
PEPICO (SEC)	<1	1-2	2-4	5-6	7	8-9	10-11	32	17-16	17-19	20-22	23-25	56-35	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN
<6	8.3	10.6	14.4	6.4	2.6	-6		- 1	٠.	•	.0	.0	.0	٠.	-0	.0	.0	.0	.0	245€	3
5-7	. 3	2.4	4.2	4.2	2.0	.7	• 3	• 1	. 1	.0				.0	-0	.0			.0	797	•
8-6	.1	1-1	2.5	2.0	. 9	• :	- 2	•	•	.0	٠.٥	.0	.0	.0	.0	.0	.0	-0	-0	330	•
10-11	٠.	1 - 3	1-2		. •	• 2	•	-0		.0	.0	.0	.0	.0	.0	-0	.0		-0	192	•
12-13	.0	. 3	1.1		• 3		-9	•		.0	.0	.0	-0	.0	.0	.5	.0	.0	.0	102	5
>13	.0	•	٠.	. 7	• 3	•	•	.0	•	-0	.0	.0	.0	.0	.0	-0	.0	.0	.0	49	6
INSET	12.3	1.4	2.0		. 2	-1	•			.0	.0		-0	٠.	-0	. 5	.0	-0	.0	823	1
TOTAL	643	1230	1376	735	373	97	47	19	a	1	0	c	ò		C	2	0	Ċ	0	4759	3
PCT	20.9	25.4	27.4	15.4		2.0	1.6		- 2	•	.0	.0	.0	.0	•¢	.0	.0	•0	-0	100.0	

PERICO:	(FOIMAPY)	1953-1979

TABLE 1 APER DOID NICARAGUA SW COA

CFCF41	FRECUENCY	Of	AFA THE D	OCCUPPENCE	 LINE	DIRECTION

				•					00000-040		*D 01-	201101			
			r	EFC IP I	14110	S TYPE					CIHEC	*E # THEP	PHEND	PE 44	
RAD DID	PAIN	PAIN Shak	3570	FRZG PCPN	SNC.	OTHER FRZN FCPN	MAIL	SCON AT	PCP4 PAST HOUP	1HOR LING	FOG LO PCPR	FOG WO PCPY PAST HR	SMOKE HFZE	SPRAY BLUG DUST BLUG SNOW	
*	1.4	1.9	. 5	.0	.0	.0	.c	4.1	2.6	3.4	. 2	.0	2.4	.0	86.7
۸٤	2.4	1.1		.0	٠.		.0	3.7	. 0	2.6	- 1	.0	1.4		91.3
C	2.1	1.7		.0	. 5			4.4	2.3	3.9	. 3		2.0		87.5
5€	3.2	2.7	• 1		.0	.0	.2	6.2	4.0	7.0	.1		.,,	.õ	61.4
\$	2.9	2.3	1.5	3.	. 0		.0	7.5	4.0	5.2		.0			82.1
Šъ	3.4	3.5	1.0			.0	.1	8.0		5.0		::	. 5	.5	41.0
•	4.3	2.3	1.4					8.1	4.6	5.4	. i		.,7		91.8
	4.7	1.9		.5			.5	6.6	3.3	5.1	.;	:;	1.5	:;	63.6
YAR	·		.6	.č	.č			*.5	2.5	7			·.ć	::	•3.0 •S
CAL"	1.0	.,	. 3					1.5	1.9		- : :	::			
		• /	• • •	••	••		••	1.7	***	6.0	••	• • •	1.5	.1	96.6
101 PCT	3.0 6770	2.0	. t	٠.	.0	.0	•	5.4	3.4	4.4	.7	.5	1.1	.1	84.7

TABLE ?

PERCENT	FFFFFFFFF	OF LEATHE	9 OCCUPRINCE	AV HOUR

	#1) SHER FOR FREN CB TIME HOUD LING BO POR MARE BE FOR CB TIME HOUD LING BO POR MARE BE FOR CB TIME HOUD LING BO POR MARE BE FOR CB TIME TO BE FOR CB TIME T														
			•	MECINI	11110	. 1105					OIMER	RETIMED	PHÍ #0	MENA	
HOLP	PAIN	PAIN	DRZL	FRZS	550-	01HER	MAIL	PCP4 41	PCPY PAST	THE	FC 3	F05 40	SPOKE	SPDAY	40
(GPT)		SHER		ECP!		FRZN		CB 11"E	<b>H</b> QU₽	LING	F0	PCFN	MAZE	ELUG DUST	\$1G
						ECPN					PCPN	P451 HP		BLAG SAGE	MEA
CDE03	2.1	1.4		.0	.0		. 1	1 3.7	2.6	1.4	- 1	-0	1.1	-1	90.€
06109															75.9
12615	4.1	3.5	. 6	.0	.0	.0		5.4	3.4	4.4	. 3	.0	1.1	. i	.1.9
18621	3.1	1.6	. 7	.:	.0	.0	. 1	5.5	4.0	• :	- 1	.0	. 4	•1	89.7
101 PC1	3-1	2.1	٠.	.0	.0	.0	•	6.5	3.3	5.0	• 2	•0	1.1	-1	84.5

TABLE \*

## PERCENTAGE FREQUENCY OF LINC DIRECTION BY SPEED AND BY HOUR

		-11	er saei	ED 1K40	15)								HOUR	16-11			
PMC DID	0-3	4-10	11-21	22-33	34-47	46.	TOTAL	PCI	46.84	23	03	G t	C.	12	15	18	21
							055	FREC	520								
N	1.3	4.4	1.0	•	•	.0		6.7	7.2	5.4	4.0	3.2	4.4	٠.٠	*.5	5.6	7.2
۸E	1.3	5.7	3.6	. 3	.0	.0		10.9	4.7	9.3	5.1	6.8	4.9	12.7	11.0	15.1	17-1
5	1.7	6.4	3.6	. 3	•	.0		12.4	9.1	12.3	5.4	10.	10.0	11.5	12.5	15.6	10.5
SE	1	5.5	1.1	- 1	•	.0		8 - 1	7.2		12.5	10.0	4.4	5.4	9.0	6.7	7.5
S	2.2	7.1	1.5	•		. 3		13.6	6.8	14.4	20.6	12.6	10.4	4.0	7.5	*.0	
Sh	2.4	9.9	2.5	•	.0	.:		14.7	7.5	17.9	34.4	16.2	17-1	12.0	12.8	12.3	18.4
¥	2. •	12.4	3.0	- 1	.0	٠.		17.9	7.6	16.6	17.5	35.4	25.7	14.1	16.1	16.3	29.1
No.	1.5	4.7	. 4	•	٠.	.0		7.5	6.7	6.1	7.2	6.4	7.5	9.7	11.7	8.9	* . 5
ATD	.0	.0	.0	.0	.0	.0		.0	.0	•0	.0			-0	.0	.0	-0
CALM	10-4							10.*	.:	9.1	4.1	15.4	٠.٠	11.2	9.1	*.6	7.4
246 101	1902	4345	130R	57	3	C	760e		6.9	1634	1 . 3	1710	181	1670	536	1835	163
TOT PET	25.0	57.5	17.2	. 7	•	٠.		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

		.145	SPEED	1K40151						HOU	. (G=1	,
and Die	9-6	7-16	17-27	28-45	41-	JATOT	PCI	ME an	50	0.6	12	1.0
						0=5	. of S	500	63	29	15	21
*	3.5	3.0	. 1		-0		6.7	7.2	5.3	3.4		8.5
<b>NE</b>	3.6	5.*	1 2	•	.5		10.5	9.7	8.9	6.8	12.6	14.7
C	4.9	4.3	1.2	•	٠.		12.4	**1	11.7	10.5	11.4	15.1
SE	4.3	3.5		•	.0		6.1	7.2	6.7	9.7	7.0	7.0
Š	6.2	4.4		.0			10.6	6.4	15.4	12.5	7.9	8.0
Šv	7.3	7.0		•	.0		14.7	7.5	17.9	16.3	12.1	13.0
•	8.7	8.7		•	.5		17.6	7.6	16.7	19.1	19.0	
Ÿ.	4.4	3.2	. 2	•	3.		7.5	6.7	6.2	6.5	9.5	0.7
.AR		.0	ē.	.0	.5			• 0	·ċ			
CALP	16.6		•••		•••		15.8		9.1	15.0	10.5	8.4
TOT CPS	4114	3178	302	11	3	78C#		4.4	1777	1641	1915	2025
ICT PCT	44.1	•1.	4.5	::		- 50.	100.0			100.0		

-41

664199: (bolubbi) 102,-1336

TAELE 4

AFEA COID NICARAGUA SE COAST 9-5% 86-78

といくしゃりゅうし	I DE CUENCA	J۶	1110	SPEFD	ŧ۲	HOUP	(647)	
-----------	-------------	----	------	-------	----	------	-------	--

				<b>-140</b>	SPEED E	+40151			PCT	TOTAL
<b>₩</b> ÇUR	CALW	1-3	15	11-21	72-33	34-47	44.	<b>*E1</b> *	FREC	OPS
00603	٧.1	14.7	60.5	15.5	.5	. 1	٠.	6.6	100.0	1777
DALOV	:5.3	13.7	57.4	13.3	. 4	.0	.0	6.2	100.0	1491
12615	10.5	14.2	55.5	:4.5	. •	.0	.:	7.2	100.0	1915
14621	ě.4	10	55.2	21.1	2 - 2	- 1	٠.	7.4	100.0	2025
10.	923	1. 77	4340	1304	5.7	2	τ	6.9		7628
PC T	10.8	1 2	57.0	.7.2	.7	•	٠.		100.0	

TAFLE C

TAPLE 6

p	PCT FREE OF TOTAL CEOLU AMOUNT REIGHTHS)  64 NINC DIRECTION												CEILIN					
e#L 610	0-7	3-4	.,,	r#567	10116	COAED CFOFG ALTA	140	150 299	; e e 300	630 646	1000	3000	3500	5000 6449	6500 7999	•000•	4H (5/8 ANY HGT	
14	1.4	1-5	2.5	1.2		4.6	.1	. 1	- 1	.5	. 6	. 2	- 1		. 1	.0	5.1	
NE	3.0	2.5	4.7	1.*		4.5		. 1	. 1		1-0		. 1	•	•1	•	9.1	
£ .	3.1	2.7	•.•	7.^		4.5	•	- 1	• 2	• 7	1.1	. 4	.2	-1	4.3	•	4.3	
: (	1.7	1.4	3.5	1.4		5.3	•	- 1	• 2	• •		.5	. 3	•	•		5.3	
5	1.4	7.7		2.4		5.5	- 1	. 1	. 2	1.2	1.7	. 6	.2			•	7.0	
56	1.4	2.4	6.4			4.*	.2	. 1		1.*	2.3		.2				4.5	
	2.3	2.1	4.7	2.9		5.5		. 1	. 3	1.9	2.7	, è		- 1			10.6	
	1.3	1.4	3.4	1.0		5.2	•		. 2	. 7	1.0	. 3	.1	•	.1		5.2	
¥ 3 2	2.5		٠.٠			.0	.0		. 5	.0				.0	3.0	.0	.0	
CAL	2.0	2.1		1.4		4.5	•	•	. 1	. 7	1.2		.1	•	.0		4.4	
701 OHS	1057	1041	2267	1136	5556	4.1	-1	37	105		664	246	85	29	2.	10	3410	5556
101 PC1	19.0	19.4	47.4		125.6		.7	. 7	1.0	4*0	17.0	• • •	1.5	. 5		•2	64.6	100.0

140LE 7

## CUMULATIVE PCT FREL OF SIMULTANFOUS OCCURRENCE OF CETLING MEIGHT INN PARA, AND ASBY INFO

				VSRY INF	٠,			
CF IL ING	: ^6	I CP	: 02	: 02	2 0R	= CR	: OF	: 08
(FETT)	>10	>\$	>2	>1	>1/2	>1/4	>5010	>0
: CR 24500	. ŧ	.7	.7	.7	.1	.7	.7	.7
1 02 34001		1.2	1.2	1.2	1-2	1.2	1.2	1.2
2 CP 2350.		2.7	2.7	2.7	2.7	2.7	2.7	2.7
: CF >260C		7.0	7.1	7.1	2.1	7.1	7.3	7.1
1 09 >1600	_ 7	15.0	19.1	19.1	19.1	19.1	19.1	19.1
20.46 80 1	23.6	27.4	27.9	27.9	26.2	28.5	28.0	78.1
# 02 >150	24.7	29.1	29.8	29.9	30.C	30.0	30.5	10.0
7 OR 2150	25.1	29.7	32.4	30.5	3C- 6	30.6	30.4	30.6
: "R > E	25.0	30.3	31.0	21.2	31.3	31.3	31.3	31.3
1-141	1456	1744	174 E	1796	1874	140+	1425	1004

TOTAL NUMBER OF OFS: 5761

PCT FPEC NH (5/8: 68.7

TABLE 74

## PROCENTAGE FREE OF LOW CLOUDS (CIGHTHS)

CES	33280		,	•	•	•	3	2	2	c
4104		8 - 1	4.3	4.7	8.3	11.1	:5.4	17.3	12.5	6.5

-4LL) :	*61-1676						7,	1939					,
		f	ERCENT					VS 000				14 CUT3F+ C	( CF
VSEV			٩E	£	sŧ	5	5.	-	**	VAF	CAL	P ( T	TOTAL
(".F)													042
	PCP	.0		.:	٠.	·c	.:	•	•	.r	•:	•	
<1/2	NO PEP	.:	•	•	.0	.0	.^	.0	• • • •	٦.	• 2	•	
	101 :	•-	•	•	.0	٠.	• >	•	•	٠.	•:	•	
	909		. 1		.9	•	.0	•	•	٠,		. 1	
1/201	NO PEF		•	•	•	.0		• 1	•	٠٤.	٠,	-1	
	101 1	•	. 1	. 1	٠	•	• 0	•	•	٦.	*C	.2	
	PCP			.:		•		•		.0	٠,	.2	
1<2	NO PER	•		•	•			•		. f		. 2	
	101 1	•		•	- 1	•	•	- 1	•	•0	•	. 3	
	+50	. 1	•	. 1	. 1		. 1	- 2	.1	٦.	.0	. 7	
245	NO PER	. 1		. 1	•	. 1	- 1	- 1	•	٠.		. 6	
	101 1	. 1	- 1	. 1	- 1	- 1	.2	. 3	- 1	• 2	.0	1-2	
	929		• :	. 3	.2	. 3	. 2	.5		٠,٢	.1	7.1	
5<10	NO PER		. 7	. 6	. 7	. 0	1.1	1.3	. 5	٠.		7.2	
	101 1		• 7	1.1	. A	1.1	1,5	1 - *	. ?	.0	٠,٠	4.3	
	PEP	.2	. 2		.:		.6	.6	•2	.0	. 1	2.7	
1^.	NO PEP	6.1	10.1	11.1	7	•.1	12.1	14.8	6.6	.0	9.7	66.2	
	ter a	4.2	10-3	11.3	6.9	0.5	12.7	15.4	6.7	•6	۰.۰	£8.4	
	101 OES												6747
	tet tet	6.A	11.2	17.6	7.*	10.3	14.4	17.7	7.7	•.	17.*	100.0	

144LE 9

45#1 15#1	192	•	NE.	(	22	•	5.	-	**	ATS	CALF	PCI	TOTAL
	415		_								_		0.5
	C-3	•	•	•	•	.¢	.c	• 10	•	.0	٠,١		
<1/2	4-10	.c	•	•	.,	.0	•	•	•	40		• 1	
	:1-71	.0		•	.2	.0	.0	•	•	.3		•	
	22+	.3	٠.	.:	• • •	•0		.5	٠.	.0		ء.	
	101 1	•	•	•	•	٠٤	•	•	•	.:	.0	-1	
	9-3	.0	•	•	.5	.0	.0		•	.:	.0		
1/2<1	4-1"	•	•	•	•	.0	ء.	•	•	• 5		-1	
	11-51	٠.	٥.	.0	.3	•	-5	•	•	.0		•1	
	22-	٠.:	٠.	•	-0	•=	2.	+=	3.	٠.5	_	:	
	161 7	•	•1	•	•	•	2.	•	- 1	.:	-5	.2	
	C-3	•	٠.	-0	٠.	•	٠.	.0	.0	.:	- 1	-1	
1<5	10	٠.	.ç	•	•	•	•	•	•	٦.		-3	
	11-51	-3	٠¢.	- 5	•	•	•	•	•	ء.		- 1	
	22.	•	.:	•	. 3	.0	.:	•		• 0		•	
	101 1	•	•17	•	.1	•	•	-1	.1	٠.	- 1	••	
	C-3	•	•	. 1	•	•	•	• 3	•		•		
2<5	4-15	- 1	. 1	• :	-1	. 1	-2	• 2	• 1	٠,		- 0	
	11-71	-1	•	•	•	•	• :	• 1	•	.0		•	
	32.	-0	•		•	•	•	:	- 0	• • • •		- 1	
	101 7	.2	.1	•2	-1	.2	+ 3	- 3	-1	٥.	•	1-4	
	0-1	-1	- 1		-1	-3	- 3	•3	- 1	• • •	. •		
5<12	15	. 3		. t	-6	• ?	. 5	1.1	• 5	٠0		5.0	
	11-21	•	. 3	. 3	-1	- 3	•	.5	• 2	•0		2 - 1	
	27.	•	•		•	٠.			٦,	•0		• 1	
	161 2			1.4	.4	1.1	1.5	1.4	.4		- 6	٠.3	
	3-3	1.2	1-1	1.5	1.3	2.5	1.8	2.0	1-3	.5	4.6		
10.	4-10	4.5	5.5	4.1	• • •	4.1	4.7	10.4	*	•0		50.5	
	11-21	1.0	2.4	1.4	- 4	1-2	2-3	2.5	. 7	٠.		15.2	
	22.	.=	- 3	2	- 1		•	:	•	٠.			
	101 3	e • 2	10-3	11.3	*.*	*.1	12.6	15 - 3	•.•	•0	4.4	*4.3	

APER COID NICAPAGUA SE COAST 9.54 86.76

TAPLE 10 TOPENT FRÉCUENCY OF CEILING HEIGHTS TRECTION SAVET

					-				• •				
(CAI) Fêfe	5*0 1+7	150	546 300	666 626	1000	2000 3499	*500 4696	\$500 6499	6526 7999	*630+	TOTAL	SH CS/8 ANY MST	
10101	.5	.4	1.4	6.1	12.5	3.6	:	.5	.3	-5	27.2	72.6	1530
26629	:	.,	1.9	£.C	11.3	3.€	1.7	.:		•1	25.5	10.5	1366
12415	.5	.t	2.4	9.6	13.5	٠.2	1.3		. 3	•2	13.5	66.5	1557
18621	- 3	.5	1.4	e.7	:1.5	5.4	1.4	.7	.7	.1	31.5	64.7	1500
101	41	??	112	515	495 11.7	255	9.5 1.5	*1	26	12		*15# 69.6	

# FC1 FAFC OF \$19 IEMFERSIONE (OFG F) AND THE OCCUPANCE OF FGS (WITHOUT PRECIPITATION) AS AIR-SFA IEMPERATURE EIFFERANCE LOCK F)

1:2-5[1		73	77	61	*5	5.9	392	101		
ier tir	72	76	ėç		• •	÷2	-		res	Fes
14/16	.0	٠,		.5	. :			3	٠.	
11/13	.2	. 0	.0				.:	21		•2
4/10	٠.			- 3	- 1	.:		26		
7/2	.0	• 0		- 2	. 3			41	.0	
6	.:	.:	•	- 2				42	.0	1.0
5	.:	.0	.:			. :		1:5		1.4
-	٠.5				2		.=			2.2
3	٠.	•		1.1	1.1	. 2	.5	196		3.2
ž	.0	-0		2				362	٠.	5.0
; ?	. 5	•		2.5	2.:	- ::	.č	-21		6.5
ō	.5	•	1.4			- ::	.5	228	-;	12.6
-1			1.5	0.0	2.1		:5	269	:	13.
• •	.5		2.4	12.2		.:				
-3	ě	-1	2.7	1.1	1.0			1611	•	15.6
	::	::	3.6	7.1	••	• 5	.=	720	•	11.3
-,	•••	• • •		5.7	•2	• 5		+52	•	4.7
		-2	2.5	3 - 3	•:			428	•-	6.6
	•0	- :	2.6	1.5		.0	.5	247	• ?	*.:
-7/-8	. c	. 5	2.0	٠.	.5	٠.5	.c	220		3.4
-4/-10	٠.	- 3	• 5	- 2	-5	.:	.0	**	.0	1-0
-11/-17	•	. 2	- 2	.5	٠.	•€	40	25	•	
-1-/-16	•	•	.:	.0	- 5	٠.	.0		.0	- 1
-17/-19	٠.	•	.:	.0		٠.5		:		•
ICIAL	5		13+2		1072		15		12	5442
		15e		3423		142		4455		
fr:		4 . 4	** *				-		-	

»[a:00: 10A[a-1ff] leP]-laie

TAFLE 16

				P	T FFEC	of wish	59860	*********	::1c= 1	EPSLS S	EE HEIS	i=15 (F1	,	
				*							35			
<b>#5</b> I	1-3	4-10	:1-21	22-33	34-47	45+	#C1	1-1	4-10	11-21	22-32	34-47		P21
<:		. 7	-1	-0		Ĵ.	1.1			***	11-32	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7.5	1.5
1-2	-1	1.4				.0	2.4	.;	2.5		.5		.5	3.7
3	-1	1.5		.=		ě.	2.5	- 1	1.4	1.4	.1	.ř	::	2.4
5-6	• 3	• 2						::	• • • • • • • • • • • • • • • • • • • •	1.7	-:	.5	.0	£.;
7	.2	• • •		.0	.ē				::		• 1		.5	
8-9	-0	.÷	.5	.e					::	i.e	::		:č	::
12-11		.=	.0	-0	ء.			ič.	-6	٠	-:	÷.	::	• • •
15			.0		-0	.č				::	.0	::	.5	
13-16	.2			.5						::				::
17-19	• 7				.5						.5		-6	
23-22					i.e		.7		::				•=	.0
23-25	-c						.á		::	.5			.5	
24-32	.5	•€					.5	ič.	::	:=	:5		::	:3
33-46			.5					ž		-5		.0		
*1-**			.9		.5		.,	::	::	ië.	::	.2		-0
49-42	.0	.0			.5			::	.3		.5		.0	-0
41-70		- 2	.ć		ž	::			.:			••	-0	.5
. 71-46	٠.	i.		.5	::		.5		::		.e	-5	.0	.0
67-		- 2		::		3.		::				-0	.9	.5
101 PCT	.7	3.8	:				5.4	1.3	3.0	• • • • •		?. ?.	.5	10.5
								•••				•••	.0	10
<b>#£</b> T	1-3	4-12	11-21	£22-33	24-47						SE			
<b>(1</b>	٠.۶	1.1		333		•••	1.4	1-3	4-12	11-21	22-23	34-47	44-	P=1
1-2		3.3						-5	1-1	. 3	-3	- 6	.0	1.7
3	.5	1.1	1.5	:i	3.	٠.		-3	2.7		.c	• •	•0	3.5
5-0	.5	• • • • • • • • • • • • • • • • • • • •		-1		-0		-0	. 7	.2	.=		.5	1-0
7,7		::	::	.3	.5	.5	1.	•	- 3	-1	- 9	••	-5	.5
3.3		::	::		.5	.5	- 2	•3	• 🤄	•	.5	.:	.0	•
10-11	.ē	3.			.9	::	.0	-5	-9	•=	.5	•£	-0	٠.:
17	::	3.		::	.5			.5	-5	•₽	-5	٠.	.c	.0
13-14	::			.5		::	٠.	.0	-0	•5	.0	••	-0	-0
17-17	.e	:5	:	::	::	::	:3	-5	-0	.=	.0	٠.	•0	.0
20-22					:-			•0	•≎	.0	-c	-6	.0	•0
21-25	.0	ž.		:	:-	٠.	•3	.0	.2	٠.٣	-0	.0	.5	-2
26-32			::	:5	• :	٠.	•3	.5		. 0	.0		.0	٠.
33-9C	.ē	2. 2.			-9	٠.	.5	•0	•¢	·÷		٠.	.5	-6
93-98	::	:	.5	-5	-3	-5	٠.	•€	.3	.c	-0	. 13	.5	.5
44-40		:5		-0	•=	2.	. 5	.3	.3	.0	-0	.=		-e
61-70			•€	•=	•5	. 5		.5	٠.	+€	٠.		-6	-0
71-96	:		• 5	.0	•5	٠.5	.0	.0	.9	• 9	-3	•=	.:	.c
47-	•	.c	:	•0	•=	.=	.9	<b>.</b> e	.5	• €	-5	-6	٠.	-0
101 PCT	1.5	3.5	•:5		.5	٠ç	5.2	.5	-5	.=	.=	.3	-0	.:

P[P100:			166741					~47					****		
P(2133:	****			-1-				TABLE 10 10041	,			15.7		412124 44	564 5- CC451
				20	7 595 - 5			(+15) Jh- C14E	···· .						
												, m	•		
-E!	1-7	4-10	11-21	5 27-33	34-47	48.	*C:	1-1	4-10	11-21	22-33	34-47	42.	**:	
G	1.0	1.2	***		,	3.5	7.2	• • •	1.4	*****	22-33	37	1.5	2.7	
1-2		4.5					1.0			3.1		::	:5	7.5	
7	- 1	1.5		.:			2		3.1	1.4					
5-6			. 1						7	ě			.5	1.5	
7	.0	• •	• ?	.=								.r	::		
9-4		• 7	.1				.2		-:					.;	
:3-11	.0	• 5		.0				::	.0				.e	Ĩ.á	
12	٠.	42		•			.:	.0		• 5	.6	-			
13-16	. ~			-5		. c	.0	.0		3.				•0	
17-19	.5	.0		.:		.0	.0	.5	.0	• •					
22-22		• 😅		- 2	.:	.:	.0	.:	.5		.5	• #		.0	
23-25	•5	•\$	:-	.7	•€	٠.		.6	.5	3.	.0		-5		
24-32	-0		••	.t	.=		٠:	.0	.0	-5	.¢	.c	.0	٠.5	
37-40	٠.	- 4	• 7	.9		.:	.:	.:	.0	• 5	.7	.~	.5	.0	
41-46	• 5	• 4	• 5			.£	.:	.5	.2	•€	•=	.c	-¢		
49-45	3.	42	• • • • • • • • • • • • • • • • • • • •	.0	. 7	٠.	.,	3.	.3	• *	.:	.0	.c	ء.	
61-70		- 4		.0	• 5	2.	- 4	.2	٠.	45		••	.0	-0	
71-46	••	•=		يہ	• 3		٥.	-9	٠,		٠,		-c	.=	
47*	. • •			-2	•5	••	?	٦٠.	:	•£	.0	• 5	.c		
10: +(1	1.7	7.1	1.7	•\$	.7	• • •	15.5	1.*	11	**1	•	.c	-5	17.5	
				_											
m£1	1-3	4-15	11-25	22-33	14+47		26.1	1-3	4-19	11-21	27-33	14-47		PC1	1014L #21
(1	i.;	2.1	;;				•••	1.3	1.9	****				2.4	
1-2	*;;	7.3	: . 2	15				::	7.4	- ::		ŕ	::	3.7	
3-4	.1	3.2	- ::	.1	š	.5	5.4	.;	:::					1.7	
5-4			1.7		12	.5	1.4			.,		::	::		
7	.?		-1	-1	• 5		.1	.c	.0		Ĭ.	- 12			
3-4			.:				- 1	.=			.e			.0	
10-11	. 0	• • •		.:	.:	.:	.2	.7	.5	٠.٤	٠.6	-5		3.	
12	-5	•=	•-	• 5	.5	.:	.:	.5	.=		.c				
13-16	.0	-5	.5	.0	. 7	-6		.0	.:	-5	-:	••	.5	.:	
17-16		-5		.9	.3	.5	٠.	.=	.7	•£	.0	•=	.9	.3	
20-22	•6	3-	•=	-=	• *	٠.	••	.5	.=	-6	-0	•:	-6	.5	
23-25	.c	•=		-0	.0			.:	. ÷	- 5	.0		.3	.0	
26-32	-2	•=		-2	•=	-3	• *	.0			-9	-5	-=	.5	
33- C	-7	٠٤.		.: .s	.9	٦.	• \$	.0	- 3	.:	.3	••		.0	
-1-4 <u>6</u>	:=	•=		.5	:=	•=	-2	.9	•=	-5	•=	-5	-=	.3	
41-70	.5	::	:-	.3	• • •	::	۶. د.	::	.3	٠.	-0	-5	-5	-=	
71-86		::	•-	-5	.:	:=	.3			•=	٠.	•=	-=	.c	
67-		::	:-	:=		:=	-3	.0	::	-5	.5	-=	-5	٠.	
161 961	1.5	:3.7		::			25.3	1.1	4.1	1.2	:5	:2	.=	4.3	45.5
	•••		•••		•	••		•••	•	***		-		4.3	44.3

	-:::	37660	1+153	42 2E1	-{ 15-1	1571		
-51	2-3	4-10	11-21	55-33	34-47	***	*21	101
€1	17-2	11-3	.3	.0		.ε	24.5	483
1-2	*.*	24.7	5.7	. 3		-5	19.4	
3		12.4	1.3	.1		.e	21.5	
5-5	•2	7.5	5-1				7.4	
:	٠.	. 2		.,,		- 5	1.0	
£ - 3	. 6		. 3					
10-11	. 5			.:		- 6		
17	•0		.2					
13-1-	- 0	. 5	٠.				.5	
17-15	· č		3.			::	.5	
20-27	2.	.3						
23-21		.5		::		ė		
26 - 17			:5				:5	
73-4E		::	.:					
	.3	.3	- 33	.c		::	÷	
****		:=					:=	
11-75		::	::			.5	::	
71-4		::						
67	這		::			ž	::	
•••	•=	••	• •	• 5			••	
121 867	22.4	54.5	****	.5		.5	100.0	1543

	5; (CE	14-11;	.) ;**	*****					14911	14											
					*{*{[]}	1 60[5	rese- e	· -17	£ =£:	Lat (F	11 15 4	.ATE P	(Fier	icf Cen	553						
*{*;*C)	<1	1.5	;-4	4-2	,	4-5	16-11	:2	13-14	::-:+	22+22	23-25	24+37	33-40	*:-**	****	\$1-70	71-05	47-	12741	-{4% -57
(6	4.2	19.1	14.7		: . :	• 5	.3	•	٠.5	•	.:	.0	.5	-=		.5			.2	2714	2
4.7	• • • •	7.4	7.3	5.6	2.0		-3	•:	-:	•	-3	٠.	.5	.€	.0	.3		.=	.0	***	
***	. 1	1.5	3 + 3	2-1	1.1		-:	•	• 1	.5	.5		ž.		.0	-2		.0		***	•
10-11		. 7	: - 3	. 5	- 3	-:	.:			•	.5	.=	.=	.5		.0				107	
12-13	.5	-5	: • 1	. 7	• •	-1	-1	•	•	.:		.5				.=	.6		2.	115	•
>13	.=	.6	-9	. 7		-1	-1	•	•	.0	.5		.0		.0	.e			. 5	3.5	i i
14261	4.7	1.0	2.2	-1		•	.0	-2	-:	•	-5		.c	-=	-=	.=		-5	.0	750	1
ISTAL	853	1350	1672	-11	355	122	55	10	25	,	•	3		=		5	5	ā		5284	3
P ( 1	15.2	25.5	31.6	17	***	1.5	1.5	•2	• 3	• •	.t	•=	.3	.5	.=	.5	=	.ē	.5	183.2	-

									JU	NE.								
PEP100:	(PP1=40Y)	1953	-1979											APE / 701			UA SA	COAST
	toriALL	.) 1672	-1979			COCEN!	. EDF CU	FHCY C	148L F =EATHE			5 Y L*	an nibi	FCT 10%	٧.5٨	. 86	. / ¥	
				p	PFC IPI						V - • - • - • •			<b>SEATHER</b>	PHENC	MENA		
	AVO DIS	PAIN	9413 5mb4					WAIL	DR TIME	PÇP:	N PAST OUP	THOR LING	FOG NO PCPN	FOC WO PCPN PAST NO	HAZE	9646	12UC 12UC 240	N^ SIG NEA
	N E S S S W W W VAP CALM	2.9 3.6 5.7 5.3 7.2 5.6 1.3	2.5 1.7 2.4 3.0 5.0 5.0 2.5 2.3	1.E .0 1.1 2.2 2.6 1.9 2.2 2.0		0000000000	200000000000000000000000000000000000000	000000000000000000000000000000000000000	5.9 5.6 4.9 11.3 13.2 13.6 10.4		4.6 2.2 3.1 5.2 5.3 6.3 6.5 6.2 2.1	7.8 5.1 4.5 4.9 6.2 5.3	.00000	.0	. 5 1 . 3 . 4 . 5 . 5 . 6 . 7		.00.000.000.00	83.6 88.7 86.8 74.5 74.0 76.9 76.9 78.4 82.0 58.0
	101 PC1 101 095.	1275	3.1	1.6	•0	.0	.0	.0	9.1		5.?	*.7	•	•	. •	1	•	<b>*0.</b> 7
									TAF	LE ?								
					<b></b>			FPECUE	NCY OF .	E41+6	e 0000º	RENCE		R W≦≯ĭ×EI				
	#0UR (1"0)	PAIN	PAIN SHER	ונפס	FCPN		OTMER FRZN PCPN	-AIL	PCPN AT		7249 AUDI	THRP LING	FOG NO PCPN	FOG WO PCON PAST H	<#GK6	E 56	RAY DUST	NO SIG
	00103 06109 12615 18621	3.4 5.7 6.0 3.6	2.6 3.7 3.6 2.7	1.3 2.1 2.1 1.3	.0	.0	.0 .0	.: :: :: ::	7.3 10.9 11.8 7.5		4.0 7.2	1.7 13.0 3.8	•1 •6 •1	.0 .1 .0	.:	2	.0 .1 .0	85.7 71.7 77.2 87.2
	101 PCT 101 085:	4.7 6453	5.1	1.7	.0	.0	.0	.;	9.4		5.2	4.9	•	•	٠.	•	•	80.5
										stë t								
			- 71	r spēti			r: rcut'	YCY OF	FIVD 010	ECITO	N PY SP	EED A	1D PY H	#0L0	(6~1)			
	WYD DIG		4-10	11-21	22-33	34-47	-	TOTAL OBS	PC1 (	SPD 7.3	3.4	03	ne 5 3.6	£9	6.6	15	18	21 9.5
	NE E SE SW NW VAR CALM TOT OBS TOT PCT	1.0 1.3 2.0 2.2 1.0 4.1 1292 18.5	3.5 4.5 5.9 5.0 7.1 11.1 14.4 4.7 .0 3994 57.5	3.2 3.4 1.2 2.0 4.1 6.0 1.5 1.5	.1 .3 .7 .1 .1 .1 .1 .1 .1			6944		7.5 7.5 7.5 8.8 8.4 .0	5.8 12.7 8.3 13.0 17.9 23.0 6.1 7.0	5 6. 10. 21. 21. 21. 7 8. 7 .	7 6.5 5 10.7 6 9.8 8 11.5 6 17.6 8 23.3 6 6.5 7 10.1	#.3 2.6 7.0 7.9 25.0 14.0 11.9	9.7 10.1 5.0 8.4 17.5 25.1 9.8 .0 7.6 1610	11.3 9.8 7.2 8.7 17.2 23.0 11.6 .0 5.9 204	12.5 13.9 5.7 0.3 14.8 10.5 10.3	6,2 6,2 6,6 16,5 22,6 11,7
							n SPEE			BLE 1/	•				HOUP	.cors		
			•	NO **R	U-6	7-16	17-2	7 28*	15)	101	S FPS		PD	60 63	06 09	12 15	18 21	
				S SN W No JAR CALM OT ORS	.6 2.9 3.6 4.9 6.0 8.3 3.5 .0 8.1	5.5 5.8 3.1 5.1 7.5 13.5 4.6	1.	1 2 5 6 3 0 3	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	694	9. 10. 7. 10. 17. 22. 8.	.4 1C	.5	18.2 23.5 5.9 .0 7.6	9.5 11.5 18.4 22.8 7.0 .0 10.0	7.4 1814		

JUNE

PLPIOD: (PPIMAPY) 1957-1979 (JVER-4LE) 1477-1979

TARLE 4

APEA 0010 NICARAGUE SU COAST 9.5N 86.7W

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR COMES

				-140	SPEEG (	KN015)			PCT	TOTAL
₩QU2	CALA	1-3	4-10	11-21	55-23	34-47	44.	MEAN	FREQ	085
60103	7.6	9.7	54.3	£3.*		• 1	.0	7.9	100.0	1628
051.09	10.5	10.4	50.6	20.6		• 2	.0	7.6	100.0	1646
12615	7.4	16.1	50.0	22.6	1.0	• C	. 0	8.0	100.0	1614
19821	7.4	11.7	54.7	24.0	1.7	- 0	.c	8.2	100.0	1856
101	561	731	3465	1584	72	1	0	7.9		6944
PCT	0.1	10.5	57.5	22.€	1.0	•	. 5		100.0	

TAPLE 1

TAPLE 6

			• • •															
	PC1 / P			LOLD A		(£1GHTH5)										1,NH >		
FAS 01:	r -2	3-4	5-7	08160	10111	COAEL CFUND MEVE	700 149	150 299	307 599	6 0 0 9 9 9	1000	2000 3499	3500	5000	65CC 7999		NH <5/8 ANY HGT	
	. 3	1.2	2.5	1.1		5.7	.1	•	.1	.6	.5	. 3	. 1	-1		•	3.4	
46	1.7	2.0	5.0	1.4		5.3	•	•	. 2	1.0	. 6	.5	- 2	•	• 1	•	7.1	
£	1.5	2.5	5.1	2.7		5.2	- 1	•	. 3	. 9	1.4	. 4	. 1	- 1	. 1	•	7.9	
ŠĒ	.5	. 7	2.0	2.2		6.1	•	. 1		. 7	1.2		. 2	•	. 3	.0	3.5	
5		1.4	4.2	4.0		6.3	• 1	.1	. 4	1.4	1.9	.5	. 2	- 1	•	- 1	5.3	
5 %		2.0	5.1	6.:		6.3	•2	.2	. 8	2.8	2.9	1.1	. 3	. 1	.1		4.5	
	1.4	3.5	11.5	7.7		6.1	• 2		1.0	3.3	4.2	1.4	.6	•	.2		12.6	
No.			3.7	2.3		6 · C	•	• 1	. 2	1.0	1.3	. 5	. 2		•	•	4.5	
VAR			. 7			•0	•0	• 0	.0	.0	.0	.0	.c	.0	.0		.0	
CAL	1.0	1.7	3.0	1.7		5.3		•	. 2	. 8	1.0	. 3	. 2	. 1		. 1	5.6	
TOT 085		639	2407	1462	5129	5.9	41	23	190	635	776	280	106	28	30	17	2993	5129
TOT PC		16.4			100.0	•	. 8	. 6	3.7	12.4	15.1	5.5	2.1	. 5	. 6	. 3	58.4	100.0

TARLE 7

CUPULATIVE PCT FRES	OF SIMULTANEOUS	OCCURPENCE
GF CEILING HEIGHT	INH 34/83 AND V	BY (Nº)

						4584 (NP	'1			
		TLING	= CP	= eR	2 OP	= 08	30 =	= 08	= OR	= CR
		LLI.	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
z	OR	>6500	.9	. 9	. 9	.9	. 9	. 4	. 9	.9
=	OR	>* 200	1.3	1.5	1.5	1.5	1.5	1.5	1.5	1.5
=	02	>2500	3.1	3.5	:.5	3.5	3.5	3.5	3.5	3.5
:	62	>2400	7.6	5.6	4.9	9.0	9.0	9.0	9.0	9.0
=	CR	>1000	20.1	23.5	23.8	23.9	24.0	24.0	24.0	24.0
:	OR	2650	29.4	35.3	36.0	36.1	36.2	36.2	36.2	36.2
:	9.0	>300	31.4	38.5	39.4	39.7	39.8	39.6	39.8	39.9
=	0R	>15C	31.5	38.9	40.0	40.3	40.4	40.4	40.5	40.5
:	CH	> 6	32 . E	39.5	40.7	41-1	41.2	41.2	41.3	41.3
		TOTAL	16 A G	2022	2146	2166	2171	2172	2174	2176

TOTAL NUMBER OF OBS: 5270

OCT FREG NH (5/4: 55.7

TABLE 7A

PERCENTAGE FRED OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 POBSC OBS 3.6 P.7 15.5 16.1 14.6 10.2 10.5 7.5 12.9 .5 5529

ALL) 1	815-1919						1 4	MEE 8						4.54	80.
		PI	CRCENI					AZ OCCI				CURRENC TY	FOF		
V\$87 (YH)		4	48	£	se	s	\$v	¥	NW	PAP	CALM	PCT	TOTAL OBS		
	PCP	•	. 0	.0	• 0	.0			.0	.0	.0	. 1			
<1/2	NO PCP	.0	.0	.0	• 0		. (*)		•	• 0	•	•			
	101 1	•	• 0	.0	• 0	•	•	•		.0	•	- 1			
	PCP	•			٠	.0				.c	.0	. 1			
1/2<1	NO PCP	.0		.0	- 0	• 0	• 0	•	.0	.0	• 0	•			
	101 1	•	•	•	•	•0	•	•	•	.0	.0	. 1			
	PCP				•	• 1	. 1	. 1	•	.0	•	.4			
1<2	NO PCP	.0	. 0	.0	• 0	-0	•	•		.0	.0	. 1			
	Tot 1	•	•	•	•	• 1	. 1	.1	•	• 0	•	. 4			
	PCP	.c		-1		.2	. 3	.3	. 1	.0		1.1			
2<5	NO PCP	•	•	-1	• 1	. 1	. 3	.2	•	.8		.•			
	101 1	•	•	• 1	•1	. 3	.6	.5	- 1	.0	.1	1.9			
	PCP	•1	. 2	+2	. 4	.5	.,	1.0	. 3	.0	. 1	3.5			
5<10	NO PCP	. 4	. 7	.7	. 6	, 4	1.7	2.0	.6	.0	+ 3	7.8			
	101 2	.5	. 9	. 9	. 9	1.4	2.5	3.0	. 6	.0	. 4	11.3			
	PCP	.2	. 3	. 3	.4	. 6	1.0	1.0	. 3	.0	.2	4.1			
3 ^	NO PCP	4.4	8.4	9.9	5 . 6	7.7	13.1	18.7	7.1	.0	6.9	82.C			
	101 \$	4.6	4.7	10.1	5.9	A.5	14.1	19.6	7.4	•0	7.0	86.0			
	TOT OBS												6761		
	TOT PCT	5.1	9.6	11.2	7.0	12.3	17.4	23.3	5.4	.0	7.6	100.0			

TABLE 9

		PERCENT FRER OF WIND DIRECTION WS WIND SPEED WITH VARYING WALUES OF WISIRILITY											
V58Y (NH)	SPD KTS	٨	NE	E	SE	\$	Sw		NE	VAR	CALM	PCT	TOTAL
	0-3		.0	.0	.0	.0	٠.	• 0	•0	.0		•	
<1/2	4-10	.0	.0	.0	.0	•	•	•	•	•0		. 1	
	11-21	.0	.0	.0	.0	.0	۰.0	•	•	.0		•	
	22+	.0	.0	.0	.0	•0	-0	.0	•0	.0		.0	
	foT %	•	•0	.0	٠.	•	•	• 1	•	•0	•	• 2	
	0-3	.0	.0	.0	.0	.0	•0	-c	.0	.0	•0	-0	
1/201	4-10	•	•	.0		.0	•		•	.0		. 1	
	11-71	.0	.0	•	•	.0	•	•0	•0	•0		. 1	
	22*	٠.	.0	.0	.0	.0	•0	•0	•0	.0		.0	
	101 1	•	•	•	•	•0	•	•	•	.0	.0	•2	
	0-3	.0	.0	.0	.0	.0	•	•	•	٠.	•	-1	
1<2	4-10	•	•	•	•	-1	• 1	- 1	•	.0		. 4	
	11-21	.0	.0	. 0	.0	•	•	- 1	•	•0		. 1	
	55+	.:	.0	.0	.0	.0	•0	•0	٠.	.0		-0	
	101 1	•	•	•	•	.1	• 1	- 1	•	.0	•	.6	
	0-3	.0	.0	•	.0	•	•	• 1	•	.0	•1	-2	
2<5	4-10	•	•	. 1	. 1	• 2	. *	• 3	. 1	.0		1.2	
	11-21	•0	.0	. 1	•	. 1	-5	•2	.1	.0		.7	
	52.	.0	۰.	•	•0	٠c	•	•	.0	٠.0		. 1	
	101 1	•	•	.2	-1	• 3	• 7	. 6	•2	.0	.1	2.2	
	0-3	.1	.1	. 1	- 1	• 1	•2	.1	. 1	.0	.4	1.3	
\$<10	4-10	.4	. 4	.4	• •	.0	1.5	1.6	. 4	.0		4.1	
	11-21	-1	• 3	. 3	. 3	.5	. 6	1.2	. 3	.3		3.7	
	55.	.0	•	•	•	•		• 1	•	.0		.2	
	101 1	•5	. 9	. 9	1.0	1.4	2.5	2.9	. 8	•0	. •	11.3	
	0-3	.7	. 9	1-1		1.1	1.7	1.9	. 8	.0	7.2	16.1	
10+	4-10	3.0	4.4	5.4	*•2	6.0	9 - 1	12.5	5.1	.0		49.6	
	11-21	.9	3.1	3.2	.9	1.4	3.2	4.4	1.5	.0		19.0	
	22*	•	. 3	• 2	•	•0	. •	1	1	•0	_	8	
	TOT &	4.6	8.6	9.9	5.9	8.5	14.0	19.3	7.5	.0	7.2	85.5	
	101 ORS												6511
,	TOT PCT	5.2	9.6	11.0	7 - 1	10.3	17.4	23.1	8.6	.0	7.8	100.0	

JUNE

\*\* OFFICO: (PRIMING) 1953-1676 (OVER-ALL) 1872-1979

15231

101 PC1 TARLE 10

AREA 0010 NICARAGUA SW COAST 9.5% 86.7W

## PERCENT FREQUENCY OF CEILING HFIGHTS (FEET, AH )4/6) AND OCCURRENCE OF NH <5/6 BY HOUR

HCUR (GYT)											TOTAL	AH (5/8 ANY HGT	TOTAL
00603	. 1	.4	3.4	9.3	14.5	4.3	1.4	. 7	.5	.5	36.3	63.7	1397
06609	1.2	.7	3.3	12.2	15.8	5.1	2.3	.2	.7	.5	42.0	56.0	1206
17615	. 4	.6	3.9	14.4	13.7	6.1	1.0	.4	.5	. 1	42.4	57.6	1483

.4 3.5 11.2 14.3 5.5 2.1 .6 .6

23 194 646 796 298 108 .6 3.5 11.6 14.5 5.3 2.0

14ELE 11

INBLE 12

19 7186

		PEPCENT	FREQUEN	CY 9581	(NP)	PY HOUP		CUMULAT					3.87 HOUR	
HOUR (G=1)	<1/2	1/2\1	162	2<5	5<10	10+	101AL 085	HOUR (GHT)	<150 <50YD				NH <5/6 AND 5+	TOTAL OBS
CC6-3	.7	- 3	1.0	2.0	9.2	87.4	3600	00003	.7	4.8	15.0	22.9	62.1	13+3
06600	.2	.2	.2	2.5	12.0	63.9	1581	66165	1.2	5.6	19.2	25.3	55.5	1145
12615	. 1	.2	.5	2.6	12.9	83.7	1778	12615	1.7	5.9	21.4	22.3	56.2	1442
16821	. 3	• 5	.4	1.7	15.1	87.3	1733	16621	.5	4.5	16.3	24.0	50.8	1340
101 PC1	13	13	37	1-6 2-2	755 11.3	5726 85.5	6692 100.0	TOT PCT	45	273 5.2	949 18.0	1240 23.5	3081 58.5	5270 100.0

TARLE 13

TABLE 14

	PEPC	ENT FO	EQUENC	Y OF P	ELATIV	HU41	DIIY P	Y IEPP				PERC	ENT FR	EGUENC	Y OF 6	IND DI	PEC110	N 87 I	[HP	
TEHP F	0-29	30-39	40-49	50-50	60-69	10-19	86-89	90-100	TOTAL 085	PC T FRE C	N	NE	E	۶E	s	SÞ	•	Sir	YAR	CALM
90/94	.0	.0		. 1	.6	. 1		•	53	1.0	•1		• 2	. 1	-1	. 3	•2	-1	.0	.1
85/89	.0	. 2		. 1	1.5	5.7	1.9	.2	513	9.4	. 8	1.6	1.3	. 6	.7	1.0	1.7	1.0	.0	.2
80/84	٠c		•		1.2	18.2	39.6	8.5	3622	66.5	3.4	7.1	8.0	4.3	6.3	10.2	15.9	5.8	.0	5.6
75/79	.0	. 0	•0		•	1.0	10.6	10.9	1222	22.4	.7	. 7	1.3	1.5	3.3	5.4	6.0	1.5	•0	1.4
70/74	.0	.0	.0	.0	.0	•	•	. 6	34	-6	•	•	•	• 1	•	-2	• 2	•	.0	•
FOTAL	٥	0	2	21	161	1359	2784	1103	5444	130.0										
PCI	.c	.0	•	.2	3 - 3	25.0	51.2	20.3			5.0	9.6	10.9	6.6	10.3	17.2	23.9	8.4	.0	8.0

TAPLE 15

TABLE 16

	ME145.1	EXTREM	FS 440	PEPCES	11165	or 161	PP 10E	C F) 8	4 HOUR		PERC	ENT FRE	CUENCY	OF RELA	IIVE H	PILOIP	84 HOUR	ł
HOUR (GMT)	MAX	992	952	501	51	11	-IN	PEAN	TOTAL 085	+0UR (G*I)	0-29	30-59	60-69	70-79	80-89	9C-100	KEAN	TOTAL
00503	92	67	25	62	77	75	73	81.5	1675	10101	.0	.0	1.7	29.5	52.9	15.9	83	1394
06669	84	65	24	40	77	74	72	87.3	1689	06200	.0	.0	1.1	15.2	57.8	25.9	85	1333
12615	90	•	64	03	77	74	70	62.3	164-	12615	•0	-1	1.0	14.6	56.9	27.4	86	1495
18621	95		2.5	8.1	78	7 t	73	63.0	1681	18621	• 0	.9	9.2	41.6	37.2	11.1	70	1388
101	95		86	A 2	77	75	70	61.3	7084	101	c	13	182	1409	2875	1131	83	2610

.tuk F

PERIOD: (POIMAPY) 1953-1975 10YER-ALL) 1872-1975

TAPLE 17

APE# 0010 NICARAGUA SW COAST 9.5% 86.7\*

PCT FREG OF AIR ILMPERATURE LOFG F) AND THE OCCUPRENCE OF FOG (\*ITMOUT PRECIPITATION)
VS AIR-SEA TEMPERATURE DIFFERENCE (DCG F)

AJP-SEA	69	73	77	21	45	89	>92	101		60
IND DIE	72	76	80	84	AE	42			res	FOG
11/13	.0	. 2	.c	•	. 1	. 1	•	13	.0	.2
9/10	.0	.0	.0	.0	- 1	. 1	- 1	12	.0	. 2
7/8	.0	.0	.0	.2		. 2	•	46	.0	. 6
6	.0	.0	•	. 2	. ?	. ?	٠.	32	• •	.5
5	.0	.0	- 1	. 5	. 7	. 2	.0	• 3	. )	1.5
4	.0	.c	- 1	.7	1.1	. 2	.0	12+	. 1	2.1
3 2	.0	.0	•	1.0	1.2	. ?	.0	141		2.4
2	.c		. 3	3.3	1.6	•	٠.	306		5.2
1	.0	.0	. 4	4.6	1.5	•	.0	347	.:	6.6
C	• 0	•	2.2	9.8	1.2	.0	.0	775	. 1	13.1
-1	.c	- 1	7.1	٠.:	. 5	.:	.0	756	٠.	12.5
-2	.0	• 1	6.0	9.5	. 3		.0	526	.0	15.9
- 3	٠ē	- 1	6.3	6.0	- 1		-0	732	. 0	12.4
- 4	.0	• 2	6.1	3.7	. 1	.c	.0	591	.0	10.0
-5		.5	5.0	2.0	. 1	. c	.0	442		7.5
*6	.0	. 5	2.7	.6	.5	.0	.0	274	•	3.8
-7/-8	•		2.3		.0	. c	·c	212	.0	3.6
-9/-1C		٠.	. 6	. 1	.0	.0	.0	72		1.2
-11/-13		.2	.1	•	.0	.0	.0	16		.3
-14/-16	٠.	.0		.0	.0		•0	- 2	.0	
TOTAL	3		2083		514		7	-	1	5902
	-	174		3053		56		5903	•	
PCT	. 1	2.9	15.2	51.7		1.2	- 1	100-0		120.0

PERIOD: 10VER-ALL: 1963-1979

TABLE 18

				PC	T FREC O	F =IND	SPEED	ERTS) AND DIRE	CTION V	EPSUS S	FA HEIG	HIS (FI	,	
				٠							١E			
HGT	1-3	4-10	11-21	22-33	34-47		PCT	1-3	4-10	11-21	55-33	34-47	48+	PCT
41	-5		٠.	.0	•0	•0		-1	. 5	.0	•\$	• 0	•0	.6
1-2	• 1	1.3	• 3	.0		•0	1.7	-1	2.3	. 4	.\$	• 0	• 0	3.2
3	*0	•2	• 3	- 1	.3	•0	.5	-1	1.1	1.1	• 2	• 0	•0	2.4
5-6	- 1	- 1	- 1	-0	-0	-0	- 2	-0	•2	••	.1	.0	•0	1.0
7	•0	- 1	- 1	•0	٠.	٠.	•7	•0	• 2	. 1	.1	.0	-0	. 3
4-9	.0	.0	.0	.0	.0	.0	.0	•0	٠.	٠,	-1	.0	.0	- 1
10-11	.c	-0	•¢	•0		.0	-6	•0	-0	.0	-1	• ^	.0	• 1
12	•0	.0	•^	.0	.3	-0	.0	.0	.0	٠.	.0		-0	.0
13-16	-с	•0	.0	. 3	٦.	•0	.0	•0	•0	-0	-0	٦.	• • •	.0
17-19	+0	.0	.0	+0	.:	-¢	.0	.0	•0	٠,	•0	٠.	-0	•0
20-22	•0	•0		-0	. 9	• 2	•0	.5	-0	.0	-0	٠.	.0	.0
23-25	.0	-6	• ?	•0	• 0	.0	.9	3.	.0	٠,	.0	٠.	.0	.0
26-32	-0	•0	.0	-0	- 0	.0	.0	.5	٠.	.0	.0	٠.	.0	.0
33-40	.0	-0	.0	+0	.0	.0		٠.	-0	.0	.0	٠,	.0	.0
41-48	.0	٠.	.0	.0	.0	.0	.0	.5	.0	٠.	.0	.0	-0	.0
49-60	-0	.0	.0	.0	٠.	.0	.0	٠,	.0	.0	.0		.0	.0
61-70	.0		.0	• C	. 7	٠ċ	.0	.5		3.	.0	.0		.0
71-86	.0	.0	.0		. 2	-0	.0	•¢	. 5	2.	.0		.0	.0
87+	.0	•€	. 7	.0	.0		.e	.0	·č	.0	.0	.0	.0	.0
TOT PCT	. •	2.0	. •	- 1	.c	-0	3.3	.3	4.1	2.0	. 4	• 6	.5	7.7
				f							SE			_
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	• 3	.9	• 6	-0	• • •	• 0	1.2	.•	. 9	.0	•0	.0	.5	1.2
1-2	• 3	3.3	. • •	.0	.:	•6	• • 2	-1	1.8	. 3	.0	• 0	-0	2.2
3-4	•0	1.1	1.1	-1	.0	-0	2.3	•		.7	•	•	•0	1.1
5-6	•5	• 3	. 3	- 1	.5	.0		•0	• 1	•	•	•0	.0	. 1
7	.0	- 2	• ?	.0	.0	.0	. 4	•0	٠.	•	-0	.0	.0	•
8-9	•0	- 1	•0	• D	.c	•0	- 1	.0	.0	. 1	.0	•0	.0	• 1
10-11	•0	ن.	• 6	40	•0	٠.	.c	.0	.5	• • •	.0	• 0	.0	.0
12	.0	.0	•:	• 3	.c	•0	•0	•c	•0	• C	•0	••	•0	•0
13-16	•0	•0	•0	• 1	. 5	.0	- 1	.0	.0	.0	.0	• r	•0	-0
17-19	:0	•6	•0	.0	.0	-0	.0	•0	• C	.0	•0	• 6	.0	.0
20-22	.0	.0	.c	•5		.0	.0	.c	.0	•6	•0	.0	.0	-0
23-25	.0	.0	-0	٠.	• 0	.0	.5	-0	.0	.0	.5	•0	.0	.0
26-32	•0	. 0	• 9	.0	. 3	.0	. 0	-0	.0	.0	•0	.0	.0	.0
33-4C	.0	-0	٠.	•6	.c	.0	.2	.0	-0	٥.	.0	•0	•0	.0
41-46	.0	• 0	•0	.2	.0	.0	.0	٠.0	.0	.0	•0	.0	.0	•0
49-63	.0	•0	٠.0	.0	.c	.0	•0	.0	.0	-0	٠.	٦.	-0	.0
61-7G	.0	.0	•0	-0	.c	.c	.0	.0		.0	.0	• 5	.0	.0
71-86	•0	٠.	•6	+0	.0	.0		•0	.0	•0	• 5	.0	•0	.0
87.	.0	•0	٠.	-0	.e	.0	. 7	.c	.0	.0	-0		-0	-0
TOT PCT	.6	5.9	2.1	. 3	. C	.0	8.9	.5	3.1	1.1	•		.0	4.7

								JUNE							
P[PICD:	CAE	-/(1)	1943-1	47c				TAPLE 18 (CONT	,			TPET	0010		GUA SE CO
				Pť	1 FPEC 0	F #240	SPEED	INTS) AND DIRE	CTTON 1	VEPSUS S	EA HEIG	HTS (FT	,		
H61	1 - 1			\$				1-3			5# 22-33	14-47	48.	PCI	
	1.5	10	11-21	27-23	34-47	**	PCI		4 - 1 -	11-21	22-33		.0	2.5	
<b>1</b>		1.3		.0		j.	1.5	.7	1.7	1.2	.0	.0		7.6	
1-2	• •	3 - 2		.c	.č	.0	3.5	.6	3.3	3.4		• 0	.0	7.0	
5-6	•1	1.1	1.2	.0			2.3	• 2		1.4	.i	.0	.0	2.3	
3.0	.0			.1					.5	1.5	::		.0	.,	
8-9		• ;									::	• • •		.;	
10-11	٥.	2.	2.	.:	• 3	.c	•0	٥.	.1		:0		.0		
		٠.	3.	.č			.0	٠٤	.0			: -	.0		
12 13-16		•6		÷.		.0	.0	.0	.0	.0	.0		.0	.0	
17-19	.5	٠,	٠.	:5				9.	.0	.0		.0	.0	.0	
							.5					.0	.0	.0	
20-22	.0	•0	. 2	.0	.a n.	.c		.0	• 5	3.	.0	.0	.0	.0	
23-25 26-32	.0	• C					.0	•c	.0		.0		.0	.0	
33-4C	.0		:5	.0	.e	3.	٥.	-0	.0	.n	.0	•0	.0		
41-46					.0	٠.		•0	.0	.0	.0			.0	
49-6C	3.	٠.		•0		•¢		٠.0	-0		.0		•0	.0	
	.0	•0		.3	•2	.0		•0	.3	.č	.0	٠.	• • •	.0	
51-70	.0	•0	2.	.0	٠5	•c	.)	40		.0		•6	•0	.0	
71-66 47*	."	٠.	• •	.0	.0	.0	٠.	•c	٠.٠	•0		.0	.0	.0	
OT PCT	1.0	5.8	<b>,:</b> ;			.0	?	0	0	0		. 3	-0	.0	
0. 70.	1.0	216	·••		• 0	••	5.3	1.6	11.7	7.2	• • •	• • •	•0	20.6	
											46				TOTAL
HGT	1 - 3	4-10	11-21	22-33	34-47	42+	PCI	1-3	4-13	11-21	22-33	34-47	44.	PCT	PCT
<1	1.0	3.3	• 1	.0	• 5	٠.	4.4	.3	. 8	- 1	.0	. 0	.0	1.1	
1-2	.6	8.9	7,5	-0	• 0	٠Ĉ	12.7	•2	2.5	. 7	.0	••	.0	3.6	
3-4	. 1	٠.٥	4,1	. 1	. ~	.0	8.5	.1	1.5	1.0	.0	-0	.0	2.5	
5-6	٥.		2.3	1	- 0	.:	3.2	•		. 4	.0	. 7	٠.		
7	.0		. ?	.5	• 0	.0	1.7	.5	- 1	- 1	-1		.0	. 3	
4-0	.0	٠.	. 3	.0		.ċ	. 3	•0	. 1	• 2	.0	••	•0	.3	
20-11	٠.	.0	. 7	.0	• 0	• 0	.0	40	.0	٠,	-0	-0	-0	.0	
12	••	٠.	.0	-0	• 3	.0	. "	.0	.0	.0	- 1	.0	•0	.1	
13-16	٠.۵	.0		.0	• 7	•0	.0	.0	3.	.0	•0		.0	.0	
17-19	.0	.0	٠.		• 5	.0	.0	.0	.0	.c	٠.	.0	.0	.0	
20-22	.0	٠.		.0	٠.	.0	.0	٠.	.0	.0	•0	.0	.0	.0	
23-15	-0	٠.	.^	.0	• 3	.c	.0	•0	.0	.0	•0	• 2	-0	.0	
24-32	٠.	.0	.7	.0	• 5	.0	.0	.c	.0	.0	٠.	• 0	.0	.0	
-45	.c	-0	. ^	.0	.0	.0	.3	٠.6	.0	•0	-0	.0	.0	.0	
-48	٠0	. (	. 0	.0	• 2	.c	.0	.0		.0	•0	.0	.0	.0	
-40	.3	٠.	.0	. 6	. 3	.0	• 0	.0	.0	. C	•0	.0	-0	.0	
1-76	.0	• C	.0	.¢	• 2	٠.	.0	•0		.0	.0	٠.	-0	.0	
							_	1.2		.0	٠ċ	.0	.0	.0	
71-86		• 0	-2	.:	. ~	.0		.¢	. C	• 0	••	• 17		•0	
	1.7	• 0	17.7	.:		.0	.0	9. 3.	.5	.0	:0	2.	.0	.0	93.4

	►I*6	SPEFO	(*15)	VS SEA	HF IGHT	(ft)		
нст	D-3	4-10	11-21	22-33	34-47	46+	PCT	101 0ES
< 3	11.5	9.7	. 1	.0	.0	.0	21.3	
1-2	3-1	20.0	6.6	.0	. 0	.0	38.5	
3	- 5	12.4	13.1	.5	.0		26.5	
5-5	-1	2.4	6.1	.3		.c	6.9	
7	-0	1.2	2.1	.2	.0	.0	3.5	
8-9	٠.٥	.2	. 6	.1	.0	.0	1.1	
10-11	.0	. ^	٥.	.1	.0	.0	. 1	
12	-C	.0	.0	. 1	. 6	.0	. 1	
13-16	٠.	• 0	.0	. 1	٠.	.0	• 1	
17-15	٠.	•0	.0		.5	.0	.0	
20-27	-0	. C	• 6	.0	.0	.0	.0	
23-25	•0	-0	.0	. 0	.0	.0	.0	
26-32	•0	.0	.5	.0	.0	.0	.0	
22-40	+0	. 0	+0	. 3	.0	.0	.0	
41-42	-0	.0	٠.	• C	٠.	.0	.0	
49-6C	.3	.c	. 5	.0	.0	٠.	.0	
61-70	.5	٠.	-0		٠.	.0	.0	
71-96	-6	.0	.0	.0	٥.	.0	.0	
£7.	٠.٤	٠.۵	.0	.0	.0	.c	.0	
								1530
TOT PCT	15.2	54.6	29.0	1.7	-0	.0	100.0	

0[0]	D: 104	{p-2(	.) 194	9-1979					148LE	19											
					FERCEY	FRE:	BUENCY	3F -A1	VE HEI	GHT (F	11 VS	MAY( P	CRIOD	ESECON	051						
PERIOD ISCCI	<1	1-2	3+4	5-6	7	8-9	17-11	12	13-16	17-19	20-22	23-25	56-35	33-40	41-48	44-50	61-70	71-86	<b>\$7</b> •	TOTAL	MEAN HST
<.	4.5	14.6	16.0	8.1	2.5	. 9	. 3	. 1		•	.0	-0	.0	.0	.0	.0	.0	.0	.0	2284	3
6-7	- 1	2.7	6.5	9.0	3.4	.9	. 6	- 1	- 1	.C	.0	-0	•0	.0	.0	.0	.0	-0	-0	1239	5
4-9	.0	.9	2.9	3.3	1.7	. 7	.3	. 1	- 1		.0	•6	.0	.0	.0	-0	.0	.0	.0	486	5
10-11	- 3	. 3	.9	. £			-1	- 1		.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	152	5
12-13	.0	.0	. 7	.7	. 4	. 1	. 1	.0			. 0	.0	.0	.0	.0	.0	-0	.0	٥.	94	5
>13	.0		.3	.5		- 1	•		. 6		.0	.0	.0	.0	.0	.0	-0	.0	-0	54	7
INCET	5.6	1.6	2.0	1.5		.2	-2	.0	.3		.0	•0	.0	-0	.0	.0	.0	.0	.0	561	2
TOTAL	405	9*1	1508	1157	454	150	83	24	12	5	Ċ	c	0	C	0	9	0	0	0	4670	•
		90 1	** ^	** -	6 7			٠.				-	_		-		Ė	•	. n	100 0	

AREA DOIN NICARAGUA SE COAST

### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY WIND DIRECTION

			9	RECIPI	TATIO	N TYPE					ot#f9	MEATHER	PHEND	MENA	
WHO DIR	RAIN	PAIN SHER	ORZL	FR75 PCPN	SNOL	GIHER FRZN PCPN	HAIL	PCPN #1 08 11-E	PCPN PAST HOUP	IHCR LING	FOG NO PCPN	FOS WO PCPA PASI HR	SMOKE		NO 516 6f A
N E E S S S N N VAR CALH	2.8 1.7 3.3 5.7 5.3 5.9 4.7 3.9	2.6 .9 1.5 2.7 2.2 2.9 3.5 2.1	1.2 .3 1.1 1.6 3.3 2.5 2.3 1.6			00000000000	0000000000000	6.5 2.4 5.7 6.9 10.7 11.3 10.5 7.0	1.9 1.7 4.5 6.5 4.5 4.7 2.7	4.3 4.6 5.4 5.5 5.6 5.6 5.7 7	.0	.0	.2 .6 .5 .4 .3 .2 .1 .2		87.7 90.7 87.2 78.9 77.1 77.5 80.4 85.0 69.3
101 PC1 101 065:	3.9 6523	2.2	1.5	٦.	.0	-0	•	7.5	3.*	*.0	. 1	• -	.*	•1	83.4

TABLE 2

### PERCENT PPEQUENCY OF MEATHER OCCUPRENCE BY HOUR

			¢	RECIPI	11110	. 11PE					CIMER	PETTHER	PHEND	HENA	
40U9 (1°3)	RAIN	PAIN	CRTL	FRZG PCP4	530.	CTHEP FDZN PCPN	HAIL	PEPN 41 08 1:PE	PCFN PAST HOUP	IHOP LINS	FOG EO PCPN	FOR WO PCPN PAST HR	SMUKE H#ZĒ	SPRAT BLWG DUST BLWG SNOJ	
20103	7.8	1.3	1.3	.0	.0	٠.	.1	15.4	2.7	2.4	.0	.0	.*	•2	87.3
36609	4.6	2.4	1.7	.0	.0	.0	.0	6.5	3.0	13.C	. 3	.0	.5	. 1	74.4
12615	5.0	3.3	2.2	.0	.с	.0	.0	10.4	3.4	3.3	.2	- 1	. 3	•2	62.1
16621	3.2	1.5	1.0	.5	.c	.0	.0	5.9	5.F	••	. 1	-1	-5	.1	87.4
101 PC1	3.9	2.2	1.5	.0	.0	-0	•	7.6	3.9	4.7	.1	•		-1	<b>83.5</b>

### TABLE 1

## PERCENTAGE FREQUENCY OF AIND DIRECTION OF SPEED AND BY HOUR

		¥18	E SPE	ED 1K40	15)								HCUP	(G=1)			
WAD DIR	0-3	4-10	11-21	22-32	34-47		TOTAL		MEAN	00	23	76	C9	12	15	18	21
							085	FREG	SPD								
N	1.2	4.1	1.5	•	.0	.0		4.9	7.9	5.2	*.6	4.3	4.3	4.5	8.7	8.4	2.5
NE	1.1	7.2	6.5	:.2	.5	.0		16.0	11.6	13-5	14.6	10.		17.5			22.7
E	1.3	7.5	5.8		•			15.3	10.9	14.2	10.9	16.5	10.4	14.9			17.4
32	1.2	3.4	1.4	. 1	.0	.0		6.5	e-0	7.8	11.2	7.7	6.3	4.4	5.5	6.2	3.3
\$	1.5	5.8	1.5	•	.0	-0		8.9	7.4	11.0	19.7	19.0	12.1	6.4	7.5	7.2	9.0
Sw	1.7	9.4	3.0	. 1	•	.0		14.2	8.2	16.7	14.8	15.4	16.6	13.2		11.*	10.9
ú	2.1	12.3	3.0	. 1	•0	.0		18.3	8-1	17.0	14.6	20.7	20.3	19.5	20.2	15.	17.4
N.	1.0	4.4	1.0	•	.0	-0		6.5	7.4	5-1	6.3	4.5	10.6	9.0	11.1	6.0	4.3
YAP	.0	٠.		. :	.0	.0		.0	.0	.0	.7	.0	-0	•0	.0		.5
CAL	7.4							7.4	-0	A.7	12.2	10.2	**2	6.2	1.4	5.4	7.2
TOT OBS	1355	3963	1752	166	2	Ú	7286		5.4	1533	147	1624	134	1655	222	1768	181
TOT PCT		54.7		2.3	•	.0		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

## TARLE TA

				(KAOTS)							(G#1)	
END DIP	8-6	7-16	17-27	2A-40	41.	TOTAL	PCT	4£ 1 H	co	06	12	10
						695	t B E C	260	03	3*	15	21
N	3.2	3.4	. 3		.0		6.9	7.9	5.1	4.1	9.4	8.5
NE	4.2	8.5	2.9	• 3	.0		16.0	11-6	13.4	10.6	17.6	21.3
ę.	4.4	8.3	2.5	. 1	.0		15.3	10.0	13.9	16.1	14.6	16.6
ŠE	3.1	3.0	. 3	•			6.5	* · C	2.1	7.6	4.5	5.9
S	4.6	4.1	- 3	.c	.5		4.9	7.4	11.7	10.1	6.7	7.4
Sh	6.0	7.6		. 1	-0		14.2	4.2	16.5	15.5	13.4	11.8
ž.	7.7	10.1		.0	. 6		14.3	2.1	16.6	20.8	19.6	16.0
4-	3.3	3.0		.0	.0		4.5	7.4	5.2	5.3	*.*	6.9
» AR		.0	.0	.0	.0		.0	.0	-0	.0	.0	• 5
CAL#	7.4						7.4	.0	9.0	9.8	,	5.4
TOT ORS	71 98	3500	554	36	9	7226			1640	1762	1877	1967
TOT PCT	41.0	48.0	7.4		- 0		100.0		100.0	100.0	100.0	100.0

10/6-4FF 1812-1846 bEbioo- (baintak) 1823-1644

TAPLE 4

AREA DOLO MICARAGUA SW COAST

1241.1261	FREQUENCY	o f	5.150	SPEED	4 4	HOUR	cert:

				-140	SPEER E	**0151			PCT	TOTAL
HÖLB	CALM	1 - 3	4-10	11-51	72-53	34-47	45.	PE AN	FFEC	085
20603	V.0	12.0	54.0	23.2	1.7	.0	٠.	a.c	:00.5	1680
96169	9.4	10.4	56.4	21.9	1.5	-0	.0	7.4	100.C	1762
12615	5.7	12.0	56.4	23.5	2.3	- 1		8.4	100.0	1877
1*121	5.6	10.3	52.0	28.7	3.4	• 1	.0	9.1	100.0	1969
161	542	413	3963	1782	166	Ž	٥	5.4		7265
20.1	7.4	11.2	54.7	24.5	2.3	•	.0		100.0	

TARLE

--- **-** -

2	PCI FFED OF TOTAL CLOUC AMOUNT (EIGHTHS)  BY YIND DIPECTION  "FAN							PEPCENTAGE FREQUENCY OF CEILIAF HEIGHTS (FT.NH >h/h) hh9 occurrence of NM <5/P AT MIND DIRECTION										
AND DIE	e-2	?**	4-7	obser e t	TOTAL	COACA CFORD META	ran 149	150 299	360 500	60F	19EC	2000 3499	3500 •999	5000 6499	6500 7099	*000*	%H <5/8 A%Y #GT	
	. 6	1.6	5.1	1.4		5.2	-1	- 1	.1	.,	. 7	.5	. 1			•	4.6	
AE	2.9	4.5	7.0	2.2		4.6	- 1	- 1	.2	1.0	1.5	.5	- 2	- 1	- 1		12.7	
	2.4	3.*	7.7	2.7		5.1	. 1	•	.2	1.0	1.0	. e	• 2	.1	.1	-1	11.3	
38		1.0	2.5	1.6		5.0	- 1	- 1	.2	. 7	. c	. 4	- 1	•	•	•	3.6	
5	. 5	1.9	. 3	3.2		6.3	•2	•	. 3	1.2	1.6	.7	•2		•		4.6	
Šb	. 9	1.4	4.0	3.0		6.2	.2			1.6	2.4	.8	. 3	•			7.7	
	1.4	3.0	8.6	4.2		5.0	. 1	• 2	.7	2.4	3.0	. 9	. 4	•	•		10.5	
1.3.		1.1	2.0	1.6		5. 4		•	.2	. 7	. 9	. 3	. 2	•	.0		3.6	
VAR						.0	.0	.0	.0		.0	.0		.0	.0	.0	.0	
CALM	1.1	1.0	1.1	1.2		5.1	.0	•	. 1	.6		. 3	. 1	.0	.0		5.2	
101 085	636	1013	2493	1320	5432	5.6	49	24	124	557	763	282	103	17	12	15	3478	5432
TOT PCT	11.2	14.5	44.7	24.3	1.00.6		.0	.5	Z • •	10.3	14.0	5.2	1.9	. 3	.2	. 3	44.0	100.0

.... .

CUMULATIVE	PCT	FREC	QF	SIMULTANEOU!	S OCCURPENC
CE CE 14 11		THAT	***	4 36781 495 1	JC2v 1281

				VSPY (44	,			
Cr IL . 45	= 00	2 CE	# CR	: CP	□ 0.8	= CP	= 0*	= 0=
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>5010	>0
= 02 >6500	.5	.5	.5	.5	.5	. 5	.5	.5
2 CR > CC0	. 8	. 6		. 8			. 8	
E OR 32500	2.3	2.7	2.7	2.7	2.7	2.*	2.7	2.7
= 04 >2000	6.9	7.4	7.0	7.9	7.4	7.6	7.9	7.9
T 02 >1000	19.2	21.7	22.1	22-1	22-1	22.1	22-1	22.1
E CR JAGO	25 - E	31.3	32-1	32.7	32.7	32.2	32.3	32.3
2 00 2300	28.2	33.5	34.4	34.5	34.6	34.4	34.6	34.6
T CP 2150	20.4	33.9	34.9	35.C	35.1	35.1	35.1	35.1
2 0F > 0	28.7	34.5	35.6	35.5	35.9	35.4	36.2	36.0
TETAL	1601	1924	1939	1999	2016	2005	2011	2012

TOTAL NUMBER OF DES: 5584

PCT FRED NH CS/8: 64.0

TABLE TA

## PERCENTASE FREG OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 CESCE OBS

P{R100:	(PPIPART) I							14	916 <b>*</b>				APE	* 2010	NICAPAGUA SW
			P	E#CENI	FRED (	F LINE	01PE	C116% Th #40	41#C A1	HERENC!	CF ¥15	04-0CC IFIL11	URPENC T	€ OF	
	4564 (\P)		٨	*6	ε	se	5	5.	•	46	416	CAL	PCI	TOTAL OBS	
	• • • •	PCP		•	•	.:	•	•	•	•	.0	.0	.2		
	<1/2	NO PCP	.5		•	.0	.0	.0	.0	•	.5	.0	•		
	****	101 1	•	•	.1	.0	•	•	•	•	.0	٠.	- 5		
		PCP					•		•	.0		.0	.1		
	1/2/1	NO PCP	.c			.0	.0		.:		°.		•		
	1/251	101 1	•	•	•	•	•	•	•	·r	.è	.0	- 2		
		PCP	.c		•	•	. 1	. 1	•	٦ <b>.</b>		•	.2		
	102	NO PEF	.0	.0	•	.0	•	•	•	• 0		.0	. 1		
		101 1	.5	•	•	٠	- 3	• 1	•	.с	. c	•	• 3		
		PCP	- 1	. 1	- 1	•	- 1	•2 •1	.? .1 .3	•	3. 2.	•	. 7		
	2<5	NO PCP		. 1	- 1	•	.1 .1	. 1	. 1	•		:	- 6		
		ICI I	- 1		• Z	- 1	.2	• •	. 3	•	.0	•	1.3		
		PCP	.2	- 1	. 3	. 3	-3	. 6		.2	.0	. 1	2.7		
	5<10	NO PEP	. 4	1.2	1.1	. ŧ	. 7	1.0	1.4	٠.<		.2	7.1		
		101 1	. 5	1.7	1.4	. 9	1.0	1.6	2.1	.7	.0	• 2	*.7		
		PCP	.2	- 3	. 4	. 3	.5	.7	1.0	.?	.0	- 1	3.6		
	10*	NO PEP	5.1	14.4		4.2	7.2	11.5	14.7	5.4			84.2		
	•-	***		14 7			7.7		15.7	5.7		6.5	40.3		

TAPLE 9

YSPY (MY)	SPD RTS	•	NE.	ŧ	SÉ	5	5.	٠	**	A 10	CALP	PCT	TOTAL
,	G-3	-0		.c	.0	.0	.0	•	-0		•	- 1	
(1/2	4-10	-0	•	•			•	•	,ě	. 5		. 1	
	11-21	•		•	. 3	•		•	•	.5		- 1	
	22+		.0	э.	- 3	•		.0	ъс	٠.		•	
	TOT &	•	•	-1	•0	•	•	• 1	•	.0	•	.3	
	0-3	-0	.5	٠.	.0	.0	٠.	-0	-6	.0	.0	.0	
1/2(1	4-10	•	•	•	•	•	•0	•	٠.0	.5		- 1	
	11-21	-0	•	.0	.:	٦.	•	-0	-6	•0		-1	
	22*	-0	.0	٠.	.2	•€	.5	•0	.0	.0	_	.0	
	161 1	•	•	•	•	•	•	•	•=	·c	-5	-1	
	0-3	-0	.0	.0	.c	٥.	•	•	•	•0	•	- 1	
142	10	.ç	•	•	•	- 1	. 3	•	•	.5		. 3	
	11-21	-6	•	•	.3	•	.0	•	.c	٠.		- 3	
	22*	.5	.0	. 5	.9	-0	٠.	.3	.0	.0		•0	
	ICI 1	.:	•	•	•	•1	-1	- 1	•	.:	•	.4	
	C 3	.0	-0	•	٠.	•	•	•	•	٠¢.	•	-1	
245	1-	- 1	• 1	- 2	•	• 2	- 2	- 1	•	.0		•	
	11-21		. 1	- 1	•	. 1	- 1	.2	•	•¢		.5	
	22*	.0	•	٠.	.0	-0	٠.	•	-6	٥.			
	1,1 1	- 1	•5	•5	-1	•2	. 3	.3	- 1	٠.	•	1-6	
	6-3	-1	.2	• 2	.1	- 1	- 1	-2	-1	.0	. 3	1.4	
5<10	-15	. 3	. 5	. 7		- 5	. •	1.4	• •	.0		5.1	
	11-51	- 1	-5	•	- 3	- 3	.5	- 5	• 2	.5		2.8	
	22+	.:	- 3	- 1	- 3	•	•	- :	ء.	٠٥		.3	
	ici z	- 5	1.2	1.4	. \$	1.0	1.6	2.1	.6	.0	- 3	٠.٠	
	C-3	1.1	. 9	1.1	1.5	1.4	1.5	1.0	. 9	.0	6.7	16-5	
1:	4-10	3 - 7	6.7	6.7	3 - 3	5.1	6 - 2	10-5	•-0	-5		44.2	
	11-21	1.3		5.6	1.1	1.1	2.3	3.1	• •			21.5	
	55.	•	1-1	. 7	. •	. •		:	. :	٠.		2.C 47.9	
	TCT 1	6.2	14.6	14.1	5.4	7.6	12.0	15.5	5.7	• :	5.7	*/.9	
	101 C#5									_			6**
1	ICE PCE	4.9	16.7	15.4	5.5	8.9	14.1	18.5	6.5	.0	7.2	:50.6	

PERIOS: (PPIMADY) 1951-1616 (09EP-ALL) 1475-1674

TABLE 10

APER COID MICARAGUA SW COAST

ERCENT	FRECUENCY	0F	CE	IL I'	45	ME IGH 1	5	IFEET.AM	24/61	440
	ACC III			CE		16 18		46110		

(C~I)	144	150 299							65CC 7999		TOTAL	44 45/6	
CGEO:	. •		2.0	7.6	12.3	5.4	1.4	.3	,4	.6	31.4	64.3	1=52
20129	1.2	.5	2.4	10.5	15.1	4.3	2.2	.2	.2	. 1	36.6	63.4	1312
12615	1.1		2.1	11-5	13.4	*.6	1.7	.5	-1	.*	36.2	63.8	1501
1#621	. 3	.5	2.5	9.4	13.7	5.5	2.5	.2	•2	.1	34.4	65.6	1541
101 FC1					796 13.7			17	13	17		3741	5606

1/6LE 11

TABLE 12

		P[2CF41	FREGUE		7 (57)	÷* -00°	,	CUMPLIFIES OF PARCES OF WARRY (MM) AND/ CEILING HET (FEET, NM )4/47-87 HOUP							
40U2	<1/2	1/2<1	142	245	seir	10-	TGTAL CPS	#3UR (G≈1)	<150 <5010	<605 <1	<1000 <5	1000-	AH CS/8 AND 5*	TOTAL OBS	
13337	-5	-1	.6	1.5	7.4	\$0.2	1610	2363	.•	2.5	12.2	21.3	66.5	1387	
00600	.2	.1	•2	1-3	12.4	25.7	1657	06134	1.3	4.4	15.6	22.5	61.4	1260	
124 15	.5	. 3	• 3	2.0	10.4	55.4	1007	12015	1.2	4.2	16.5	21.4	62.2	1446	
16/21	•2	. 1	•5	1.5	ē.3	45.4	1436	18621	•3	3.4	:3.5	21.4	64-5	1491	
101	23	15	20	11.	440	6046	4922	101	50	216	804	1714	3544	5584	

TARLE 13

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	PEFC	CAT FR	EQUENC	7 OF 4	ELATIV	C HIPT	C11+ =	T 16**				PE PE	E41 F4	ECUENC	7 OF 4	140 01	RECT1:	- 2 v 7/	[##	
1£## F	3-24	30-39	40-40	50-59		70-79	10-8¢	90-100	TOTAL	PCT FPEC		4£	ŧ	5€	5	Sw	-	•	VAE	CALM
90/90	• C			1		.7	• 2	.0	34	.7	•	- 1	•2	- 1	- 1	-1	-1	. 1	-0	•
45/89	.0	• • • •		- 1	2.2	6.1	1.6	- 3	591	10.3	1.0	2.4	2-2		.5	. 7	1.2	.7	.0	
43/84	.5			•	1.*	20.6	35.9	4.5	3448	65.5	4.7	12.2	10.1	3.+	5.2	8.3	11-3	3.9	-5	5.2
75/70	.0	•:	• •	•0		1.0	1:.*	9.7	1242	22.9	1.2	1.4	2.6	1.7	3-1	4.9	5.0	1.6	.0	1.4
70/74	.0		• • •	. *	c	.0	- 1	.5	35		•	- 1	-1	.1	-1	-1	.2	-1	.0	
TOTAL	0	5	. 2	1 .			2794	974	5644	100.0										
201	-r			-									16 4							

TAPLE 15

TABLE 16

	means, Externess and discentifies of item 1050 to 64 mi										PE 20	ENT FAF	008464	OF PELA	TIVE M	#IDITY	ST HÇU	•
400£	-11	***	451	501	51	11	-14	7E44	INTAL 240	₩QUB (6=1)	C-2+	10-59	63-69	70-70	80-89	*0-100	-{ A N	TOTAL
00603	94		86	8.7	77	75	72	£1.5	1722	70403		-2	3.+	33.0	**.*	14.3	12	1412
*2343	8.7	85	54	36	77	75	6.	60.3	1012	76809	٠.	-1	1.5	19.3	56.4	22.7	85	1418
12615	92	46	6.3	80	77	75	70	69.2	1404	12615	.0	-1	1.3	17.*	58.7	22.0	45	1485
18621	44	90	8.6	4"	74	75	6.0	42.5	2203	18621	٠.	. 1	10.4	43.5	34.4	10.4	7.0	1493
101	74		66	81	77	75	6.0	61.2	7441	767	c	14	25#	1656	2874	1004	8.3	5404

J. ct. V

P[RIOD: (PEI-ART) 1953-1979 (CVER-ALL) 1975-1976

148LE 17

APER COLO - NICARAGUA SW COAST 9.5h - 86.7w

PCT	FAE:	ÇF	112	16-56641656	tor s	FI	AKF	Int	DECUPPENCE	ÇF	F36	1-114041	PPECIPITATION	,
				V5 A19	-554	T£,	P[ P]	i Gol	CONFERENCE		355	7.1		

AIR-SEA	64	73	77	<b>e</b> 1	#5	ā\$	292	191	•	-¢	
IPP DIF	72	76	ec	\$4		92			res	500	
14/16	.c	.5	.c	.0	.5		.c	:	-¢	•	
11/13		.2	.0	•		•		7	-^	- 1	
4/10		-0		.1		.2	•	19	. ^	.3	
7/8		.0		. 2	.5	.2	•	57	.0	. 9	
6	.5						•0	40	. 3	. 5	
5	.0	-0	- 3		1.0	- 1	. 5	11-		1.9	
	-0	. 2		1.1	1-1	. 2	. :	161	•	2.6	
3 2	-ē	i.c	.;	1.5	1.5	•	.c	100	.c	3.2	
2		.c		4.1	1.8	- 0	·ē	366	. 2	6.4	
1	.6	.0		5.5	1.3		. 3	473		7.7	
ā	.:	•	2.5	9.6	1.1		.5	626		13.6	
-1		- 1	3.3	6.4			.0	105		13.2	
-2		• :	7.5	4.3	-1		.0	979		16.0	
- 3	-0		6.1	4.4	.1	. 5	.0	. 6.	.c	10.4	
			4.3	2.6	•			563	.0	9.2	
-5	.c		3.4	1.3				219	•	5.5	
• 6	.s	.,	2.2	.3	•	.5		396	.:	3.2	
-7/-6	.5	1.1	1.0			.č	.5	276	•	3.3	
-9/-10	-;	. 3	- : ;	.1			.c	40	-0	.,	
-11/-13		-1	. 2	.6			.0	25	.0	. 3	
-14/-16		٠.	٠.	3.		7.5	-0	- 3			
ISTAL	Š	-	2163		60:	•	- 3	-		6041	
	•	212	,	3637		5.0	•	6594	•		
PCT		7.6	14.0		6.6	1.5	-	126-5	. 1	C0.0	

P[#109: (CVEP-#LL) 1963-1979

44LE 12

				26	1 *****	F .IND	SPEED 1	ATSI AND DIREC	::1C4 ¥	EPSUS S	ET LEIC	MTS (FI)		
			_	١	_									
HGT	: - 5	-10	11-21	22-33	34-47	48.	251	1-3	•-10	11-21	22+23	34-47	.0	PC1 2.1
41	- 5		• 2	.5	.:	.c	1.4	-5	1.4	- 1	.0	٠٢	.0	4.6
1-2	.2	2.0			.3	::	2-5		3 1.£	1.0			:5	4.5
5-6				٠.	• • •		.5	-1	5	2.3	:2	:5		2.4
7	:ċ	• •	:3	-:	• • • • • • • • • • • • • • • • • • • •	3.5	:3	:		-:;	:2	.;	:5	1.0
4-9	:5	a.	ić.	٠.		,ē		::	::	::	.:		::	
10-11	3.			::				.5		::	.;	• • •	.5	
12			.,				-0	.0			.i	Ţá.	.0	.;
13-14		.c	-e					-0		.č			.5	. i
17-19			7.	3.	.ē	.ē		-č	.5					
20-22	3.	.5	•=	.5		3.	.5	.5	.5				.0	-0
23-25		٥.		.0	• 2	.0			-6		٠.	.0	.0	-6
26-32	.0	-0		.5	.c	.6	.c	.5	.5	• 5	-0	.0	.0	.0
33-40	-0		•0	-0	.c		-0	3.	.0	٠.5	-0	•5	.0	-0
41-48	.0	.0	ع.	.0		.0	.5	.0	.0	٠.	.0	.=	٠.	.0
49-60	.0	.t	•0	.0	.5	.6	.5	-0	.0		.0	.5	-0	•0
61-7C	.0	.5	-0	.0	- 5		٠.	-0	.:	-0	.6	٠.	.0	•0
71-86	.0	.c	-0	.0	• •	٠.	.0	-6	-5	.c	.0	.0	•0	.0
<b>\$7</b> •		٠.	• • • •	.3	.3	.=	.:	•3	.2	٠.	.0	•0	.0	
101 PC1	1.0	3.0	1.7	-1	•3	-0	6.7	.8	7.3	4.1	••	••	.0	15-1
				ť							3.6			
HET	1-3	4-10	11-21	22-33	34-97	45-	PCI	1-3	9-10	11-21	22-23	14-47	41.	PCT
CI.	.2	1.6		3.			1.6		. 7	•	•0		.0	1.0
1-2	• 7	3.0	1-1		• •	٠.	4.3	- 3	2.2	-2			.0	2.7
3-4	-1	1.9	1.0	.0		-0	3.4	-1	. 7	. \$	-1	•¢	-0	1 - 3
5-6	-1	.1	1.3	-2	.0	.5	1.7	•1	٠.:		.0	٠.	.5	- 6
7	.0	- 1		.1	• •	٠.	. 5	•¢	- 3		-0	•¢	.0	-0
8-9	-c	•	.7	•	-9	.0	- 3	.c	•	.:	-0	٠.	-8	•
10-11	.0	-6	-0	.5	-1	.0	- 1	•3	-5	- 1	-0	•¢	.0	- 1
12	•0	٠.	. 6	.=	•9	.0	•=	-0	.0	- c	.5	3.	•0	.ç
13-16	•€	٠.	•€	.0	.0	-6	.:	.t	+0	•¢	.0	3.	•0	•0
17-19	-0	•6	•¢	-0	••	.c	•9	.0	.0	- 5	.0	·¢	-0	-0
50-22	.с	3.	-5	-0	٠.	-0	. 2	٠.	 3.	• 6	9.	3.	.0	.0
23-25	.0	-0	•€	-0	.0	-6	٠.	••						-0
24-32	-0	٠.	.0	.0	.0	3. 3.	.0	3. 5.	٥.	.0	.0	.0	.0	.5
33-40	-5	.0			•6					.0	.0		.0	.0
41-48	.0	.s	-0	Q.			-0	-e -0		.c	.0		-6	.0
41-70	.0	::		.0		:5	.0	.5	.5	3.	.0		.0	-0
71-64	-0	.5				3.	.5	:0	3.5		.0			.š
87-	.5	ä		::		::	:-	:č	::					
101 961		4.4	4.0			3.	12.5	.,	3.8	1.1				5.0

									JULT							
PERIOS:	: (.)(:	?-966)	1953-1	<b>e7</b> 6				TARLE	10 (COAT)				1071	e310 *.		GLA S. COAST .7.
				PC	1 FFE2 0	F .INC	:+;£0	(+15)	450 CIACO	1:C\ Y	{ esus s	CA 16	m75 (FT)			
				5								Sh				
HET	1 - 2	4 - 10	:1-7:	22-33	3 4 ?	46.	001		2-3	10	11-21	22-23	34-47	48.	PC1	
<:		1.7	-:	.:	• *	.0	2.7		.7	2.4	- 1	.0	.0	٠.	3.3	
1-2		:		.5	• •	٠.	***			5.4	1-:	.2	٠.	٠.	7.8	
3-4	-:	2.0	. 6	• 3	.0	.5	2.6		.2	2.7	1.7	•0	••	.0	4.6	
5-6	- 1	.7	- 2	- 1		- C	.6		• 1	. 6	. 9	•	.0	.0	1.6	
7	.0		•	.€	• •	.2			٠.	• 1	+2	• • • •	• •	.0	.3	
8-0		• 6	•¢	.5	. 0		.5		.0	• :	- 1	.0		.0	.2	
10-11	- :-	٠.		٠.	.0	.0	- 0		.5	٠.	•€	.0	.0	.0	.0	
. 14	• •	٠.	• • • • • • • • • • • • • • • • • • • •	-9	• • • •	•5	.5		٠.6	٠.	- 5	•5	٠.	.0	٠.	
13-1-	-:	.0	•:	•0	• • •	•:	٠.		ءِ.	-0	٠,	٠.	• 0	. :	٥.	
17-14	:2	٠,		.0		3.	. 5		.5	٠.	•¢	.0	•5	.0	.0	
20-22	•	٠.	- 5	•÷			.:		٠.	-0		.0	• 5	٠.	٠.	
23-25	÷.	- 5	.2	.0		:: ::	.s		.c	• 3	• • •		.0	.0	٥.	
26-52 33-40		-6	٠.	.3		::			٠.5	٠,٥	c	.5	•÷	.0	.2	
	:	ئ. ن.	.0						٠.	٠.	.0	.0	• 5	-0	.ç	
-1-48 49-60				.6	.0	:			::	. S	3.	-6	2.	.5	.0	
41-7L		::			3.	.ē	.0		.0	.5		.0	.D	٠.	٠.	
21-46				.5	::	::			::	.5		.5		٠.	٠.	
67.		.0		ě		. č	:5		:5		.2	.0		.0	.0	
101 PC1	2.7	7.2	:.,			.5	15.7		1.7	11.6	4.1	.,		.0	17.6	
	•••	***	•••	••	••				•••			•	•-			
																TOTAL
MST	2-3	4-10	11-21	27+33	34-47	45.	134		1-3	4-10	11-21	22-33	34-47		*21	961
<1		2.1	• • • • •				2.0		`.,	1.6				.0	2.0	
1-2		4.2	2.5	.0		. c	6.7		. 4	2.5	• 2	.0		.0	2.6	
3-4	- 3	3.1	2.6	-0	. :	.с	5.1		•	. 7	- 3	.0	.0	.0	1.0	
5-6						.c	1.4		- 1	- 2		.0	.0	.0	. 3	
7	.0	•	- 3	.0	• 5	.:	. 4			.0	•	.0	.0	.0	•	
9-0	.5	.0		.:	• =	.5	.0		.0	.5	.0	.0	3.	٠.	.0	
17-11		٠.	-5			.0			.0		.9	.0	•^	.0	.0	
12		- ٤	.:	-0		.:			.0	.0	.0	.0	٠.	.0	.5	
13-14	. 2	.0	.:		•0	.7	٠.		٠٥	.0	•€	.0		-0	.0	
17-19	٠.	.5		.0		.0	٠,5		.0	.0	•0	.0	.:	.c		
20-22	.0	.0		.0	• 6	۰.	.:		۵.	.6	٠.	.0	٦.	٠.	.0	
23-25	•^	٠.	.7	.2	• ?	·¢	.0		.2	.0	٠.	.0	•c	•0	-0	
26-32	.0	٠.	• ?	45	• 4		. 2		-5	.5	.0	.0	.0	.0	-C	
33-46	•0	.0	.0	.:	. 2	٦.	.5		.=	•0	.:	-0	.c	.0	.c	
. 1 7	.c	٠.	•€	- 2	.9		.5		.0	٠.	.0	.5	.5	-0	-0	
49-6C	-6	٠.	•5	-5		٠.	.5		.0	-6	.¢	.5		-0	.5	
61-70	-6	•0	• 6	-3	• 9	٠.	.0		.=	.0	••	.:	.0	.0	٠.	
71-ee	•=		•0	•=	•:	-0	.5		•=	.5	-0	.0	3.	.0	.0	
£7+				•€	• 2	.0			-0	.0	•€	.0	-6	-0	0	
101 PC1	1.5	12.2	*.7		.5	.:	:4		.9	4.5		-0	.0	.0	5.9	92.9

	-110	SPEED	(*15)	A2 2EY	me igmi	1411		
HC1	5-3	4-10	11-21	22-33	30-07	49.	PST	101 065
C1	1:.6	12.4	. •	.c	.0	.0	24.6	•••
1-2	3.7	24.0	6.5				37.7	
3	1.0	13.2	9.5	. 3	.0		24.0	
5-6		2.4	6.2				9.6	
7	•0		1.6	. 3	3.		2.7	
1-6	.5	.1		. 3				
10-11			.1		.1			
12	.3	.:	.0		.0	• 6	. i	
11-16	.0	.0	. 5		. ż	٠ċ	. 3	
17-10		. 0	.0				.0	
25-22	.0	.0						
23-24	.0	. 5	.0				.c	
24 - 22	.0		-0					
33-95		.:	.c					
-1-4*								
29-60	.5		.5				3.	
61-76		.e						
71-64	-0					.5		
.7.								
	••	• • •	•-	• •			**	1510
101 PC1	17.6	57.0	**.*	1.6	-1	. 3	190.0	

PE P10;	): ISY	[#-sit	1 194	9-3C70					14566	;•											
					PERCEN	F7E	Ufact	CF -15	E MEIG	-1 (F	24 ET	PTAE W	2014	ISECON	057						
PER100	4:	1-2	3-4	5-0	,	÷-9	16-11	12	17-16	17-19	20-52	23-25	26 32	33-40	*1-**	47-60	<b>41-7</b> 5	71-46	87*	TGTAL	#{# <b>*</b>
<6	4.3	:3-6	:7.4	2.7	2.4	. •	, «	• ;	.1		.0	.0	.0		.0		-0		-0	2445	3
6-7	- 1	2.2	4.1	2.7	3.7	1.2		- 5	- 1	-1		.5	-0	-0	.0	.0	-0	.0	-0	1749	5
9-6	•	. 9	2.5	3.7	1 - 6	.7			••			.0	.5	.5	.0	-0		.0	.0	5+2	5
12-11	ء.	.7	. 7	1.6		. 3		- 3	•	-0	٠.		.0			.0		.0	-0	1 4	5
12-13	.=	-0	1.0		- 4	•	- 2	•	•	٠.		.0	.5	.0	.c	.0	-0	.=	-0	1¢3	5
>13	.0		.0	. 3	- 2	. 1	•:	.0		3.		.0	.0	.0	.0	. 3	- 0	.0	-8	32	7
INCET	4.4	1.1	1.6	1.4	.+			.0	•		-0			.0	.0	.0	.5		.6	473	- 2
10111	442	925	14.54	1212	501	166	101	26	23	¥	3		O		9	c				5012	
PET	£.£	15.5	72.0	24.2	15.0	3.3	2.0	.5	.5	-2	- 1	.¢	.c	.0	.0		-0		-0	100.0	

APER GOLD - NICEPAGUE SE COAST 9.5% - 66.7+

PERCENT.	FAFCHFACE	25	-fatefa	0000496.05	A.	. : 4 *	CTERCTION.

				*F¢:*:	12110	11PE					CTHEP	<b>*E</b> #THEP	9#F4"		
-13 9/-	**1%	54.2 54.2	Casr	FAZG PCF4	570.	61=E0 f27< PCF5	HATL	PCPN 41 35 11=E	PCP% PIST MCLP	IND? LINS	FCS -0 FCP5	FC" =0 PCPN P451 =0	-12E	SPPA+ SLUG DEST	
	5.5	2.1	1.6	.0	٠.	.6	.;	٠.٠	5.7	2.4	.3	٠.	1.1	.0	41.5
48	2.3	1.5	. 4	.:	.0	.:	.3	*.7	2.4	4.2	- 1			.0	
ŧ	3.1	7.4	- •	.9	.:	.0		5.1	2	3.2		.0		- 1	87.6
S€	3.8	2.7	1.4		٠.	• €		1.5	6.3	3.6		.0	. :	.0	82.2
\$	4.4	3.5		.5		٠e	.5	13.4	*	2.5			• 7	. 3	29.2
Su	4.5	3	2.5	• :		.:	- 2	12.9	5.7	4,4	•		•	•	74.5
	5.6	2.4	2.3		٠.	.0		19.2	4.4	*.^	.:	• :	• 2	-1	40.4
	1.9	2.6	1.7			.0	.5	9.4	2.4	4.1	. 2	.0	. 5	- 1	*6.2
AYD		.:		.c		-c					٠.			·ė	
CALF	5-5	2.2	1.6	.5	.6	.5		4.5	5-5	3.6	٠.		.2		86.2
101 PC1 101 CF1:	4.8 6942	2.7	2.0	ء.	2.	.=	•	5.2	*.*	1	- 1	•	.:	•:	42.1

TAPLE "

## PERCENT PRECURSES OF SESTIMES ECCURRENCE OF MOUR

				PFC 1+1	1/110	* ****					01=60	-[1]-[0	****	res4	
#052 15#11	2414	2m-8	ORIL	4E 75	5404	SIM(R FRIN PCP4	MATE	PCPN AT CB TIME	P(P1 P151 MOUT	FINCE	<b>~</b> \$	FCE -C P(P+ PASI +B	442[	SPEL- BLAS GUST BLAS GUST	
02663	3.2	2.1	1.0	.0	.:	.:	٠.		3.7	1.5	-1			. 1	27.9
26509		2.5	2.6		::		::	16.1	*.*	10.4	::		:,	::	74.5
12615	9.2	3-1	2.2		.5			11.4	5.7	3.4		.5			70.4
14622	4.7	2.5	1	.0	٠.	.=	.0	\$.1	***	.:	• 2	- 1	- 3	-1	*6.7
107 PCT	4.7	2.7	2.0	.:	-0		•	*.2	4.5	*-1	•1	•	-3	.1	•:.:

## TABLE "

### PROCESTAGE SPECIENCS OF PIND CIRECTION BY SPEED AND BY HOUR

		- 21	io spei	D (*40	151								wc.	15-11			
P#D CID	C-3	10	11-21	\$5-33	34-47	***		F*E6	500	53	23	C.	C.	:2	15	18	21
24	.•	3.5	1.1		.5	.c		5.5	7.5	4.5	5-3	3.7	3.7	7.7	7.1	4.0	.,4
NE	. •	5.4	4.3	. 5	•	.c		11.7	10.7	10.4	4.7	7.7	14.6	12.*	1.6	15.3	13.2
ε	1.3	4.4	4.5			.:		12.4	10.1	12.5		12.5	17-5	11.4	13.0	15.5	9.5
SE	1.1	4.4	1.0	. :	-2				7.3	7.1	5.4	1.4	17.2	*.*	7.0	4.1	7.5
\$	1.5	6.3	1.5	- 1	.:	- Ç		4.5	7.5	21.2	13.4	11.1	10.3	7.6	F	7.t	10.6
5.	1.4	11.4	3.7	- 1	•=			17.5	6.2	18.5	24.3	11.2	14.6	17.0	17.5	15.1	1*.4
	1.7	30.0	4.4		.0	.0		21.2	1.4	22.0	14.7	21.4	14.5	23.3	25.0	38.4	10.0
<b>%</b> =	. •	4.7	1.0	.:	•0	.:		7.1	7.8	5.6	2.0	5.5		8.4	*.=	4.6	4.1
WAR	.3	- 0	-0	.:	-c			.:	-3	.0		.5	.0		- 5	- 5	.c
CAL-	7.5							2.0	.5	7.2	4.1	11.7	4.7	7.2	3.2	4.3	7.3
TOT CBS	1799	+157	15**	153	1	3	*154		4.2	15*¢	123	1619	13.	154.	217	145*	100
151 PCT	14.2	54.0	22.4	1-4	•	• •		100.0		:22.5	160-0	130.0	100.0	100.0	165.0	100.0	165.3

TAPLE 34

		NIAC	*****	******						#CUI	15-11	1
-10 OFF	C-6	7-16	17-27	24-+0	-1-	TOTAL	PC1	-644	53	26	12	: 2
						945	4845	220	C3	24	15	21
×	Z.t	2.7	- 2	•	.5		5.5	7.4	٠.٠	3.1	7.3	7.0
*5	3.5	4.1	2.0	-1	.0		11.7	19-7	10.7	8.2	:2.4	15.1
(	9.1	1.0	1.5	-1	-0		17-4	15-1	12.2	12-0	12.1	14.5
šŧ	3.6	3.2	.2	•			6.5	7.3	7.5	*.7	9.7	4.2
Š			• 3	•	.5		9.5	7.5	11.4	11.0	7.8	7.9
Š.	7.2	9.4	• 7	٠.	• 5		17.5	4.2	14-4	18.1	17-1	15.4
	3.3			-1	-3		21.3	4-6	21.8	21.3	23.5	14.4
5.6	3.3	3.6		•	.5		7.1	7.8	5.4	5.7	4.4	2.5
414		3.	.0	.0	• 6			.0	.0	.0	.=	-0
CAL-	7.1						7.4	.0	7.5	10.4	4.7	4.4
191 085	2226	3469	-24	23	=	715*		4.0	1713	1753	:445	1823
124 521	** . 4		6.2		٠.		100.0			100.0		

......

TAPLE &

APER COID SICARAGUA SU CGAST 7.5% 86.7d

PERCENTAGE EMEGNETAL OF PING PARED BY MOTH 1841)

				-140	sette i	*40151			*51	10142
-35	(If.	:-3	13	11-21	72-33	37	44.	~( 1×	ts[:	CES
3=(=3	7.4	16.5	50.4	21-1	1.3	.5	.:	7.4	125.0	1713
64266	10.5	5.6	10.0	16.5	:-?		2.	7.5	120.0	1757
12515	4.7	4.4	50.0	22.4	1.5	.:	٠.	4.3	100.0	1865
:3671	6.4	:2.0	53.6	24.0	2.0	- 1	٠.	5.4	190.0	1421
191	552	742	-152	1596	103	1	5	4.5		7154
** 1	7.5	:5	50.0	72	1.4		.0		100.0	

14427 4

\*#\*LE >

•	CI FPE			(1266 A		1 <u>E 16-1+51</u>							CE 16 14					
740 BIE	r+;	•••	547		TOTAL Cos	C21EP C10UT -E14	700 144	:50 256	350	134	1000	2000 3466	1400	5000	-		7#4 MP1 ## (2\i	
	.:		2.;	1.4		5.4	•				.7	.;	. 1		-:		2-3	
45		2.0	5.1	2		5	•	•	-2	1.:	1.2		-1	- 1	-1	-1	4.5	
ŧ	2	7.5	5	2.*		5.:	•:	- :	- 3	1.2	1.7		.2	-1	•	•	•.3	
5€	٠.,	1.2	3. *	:."		5.7	.:	•	- 3		1.1		. 2	•	•	•	1	
5	. ?	1.7	4.4	2.7		••:	.1	.:		1.4	1.5	• •	.2	-1	•	•	5-3	
55	. 7	2		• • •		6.3	.:	- 2	1.5	2.5	7.1	1.0		- 1	•	•	e.7	
	1.5	3.1	10.2			1.0	. 3		.7	2.4	3	1.5	.5	.2		-1	11-1	
A .		1.0		1.4		6.0	-1	•	. 2	1	1.0		.,	.1		•	3 - 7	
¥10			.:			40	.5	•:			.t			.0	.0	.3	.=	
CAL-	2	1.7	3.5	1.4		5.1	•		. 2		.7		.2	-1		•	1.4	
161 191	4.7	519	25.5		5414	4.7	57	34	145	4.1	764	242	117	35	15	14	3216	5416
to: PCT	::-:	17.7	44.7	24.5	100.6		1.1		3.4	12.4	17	5.0	2.2	.+	. 3	- 3	59.4	100.0

124EF 7

## CO-DUSTRY PCT FREQ OF SIMULIPATORS OCCUMPENCE OF CLIMB MCIGHT CAM SAVAL AND WISE CAME

				2254 140	• 3			
CCR:	·5 : C4	: 09	2 65	= 60	2 02	: 02	= C=	2 CB
111:	):4	>5	>2	>1	>1/2	>2/4	35870	3¢
: C2 345	. c:		. 5				-+	-6
# C# 352	1.5	1.7	1-2	1.2	1-2	1.2	1-2	1-2
: Ca >25	2 3.2	3.4	3.4	1.4	1.4	2.*	3.*	3.4
: CE 325	7.9	4.4	4.7	5.7	7	4.7	4.7	9.7
: 44 >10	20.0	22.4	22.7	22.4	77.4	22.4	22.4	77.6
: 6# >6-		30.1	35.0	35.2	35.2	35.3	35.2	75.3
2 26 >20		37.0	36.3	34.5	30.4	34.6	30.0	34.0
# C# 315		37-4	15.3	37.2	36.2	29.5	25.2	39.3
: (2 ) :	32.1	38.3	39.6	+0.1	40.3	-2.3	40.3	40.4
101		2134	2224	2234	2246	2210	2252	2253

total sameta of desi - 5641

PC1 F#E2 Nº 45/F1 59.6

1851E 74

MINICIPLES, 1965 OL FOR CFORDS IESEMANS

- 1 2 3 • • 9 7 • 0\*5CO 085

AUCUST

PCP100:	(PPIPARY)							TA	FLE K				4RE	* 0610	NICARAGUA SW COAST 9.5% 86.7%
			P	. 566 • 1					45 00C					F OF	
	42F A		N	NE	ŧ	se	\$	56	٧	Ni	VAR	CAL"	PCT	TOTAL	
	• • • •	979		• 0	• 0			.0		.0		.0	• 1		
	(1/2		.2	- 1	, c	.0	•0	, r	.0		•ċ	.0			
		101 1	•	•	.0	•	•		•	.0	.0	.0	•1		
		PCF		-	•		.1	•		•		•.	.2		
	1//4	2 NO MER	, 0	• ^	•	٠.;	.0	•	•		• • •	•	• 1		
		101 1	•	•	•	•	• "	•	•	•	•:	•	• 2		
		900			٠,	•	•	.1	- 1	•	.0	•0	- 5		
	1<5	NO PCS	•	• • •	•		•	•	•	٠.	. 3	. "	. 1		
		101 1	•	•	•	•	•	. 1	.?	•	• 5	.0	••		
		PCF	. 1		+ 1	.1	.1	.4	. ?	•			1.7		
	2(%	NO FCP	•	•	• ;	•	- 3	. 1	. 7	•	٠.	•	• 6		
		101 1	. 1	. 1	•2	- 1	. 2	• 5	• •	. 1	• 1	•	1.7		
		PCF		. ?	. 3	.2	.4			• •		.2	3.7		
	5<10	NO PCP			. 7	. 5	, 1	1.4	1.*	. (	.0	٠,٠			
		101 1	. 5	. 4	1.0	. 7	1.3	2.4	2,4	••	٠,٢	.7	10.3		
		PCP	. 2	. 1	. •	. 2	.8	1.0		. 4	.0	. 2			
	10.	NO FOR		16.6	11.6	5.8	7.4	13.7	16.9	٠.5	٠,٢	6.5			
		101 1	4.7	30.	12.0	€.0	*.2	14.7	18.0	5.0	٠,	7.0	e7.3		
		101 085												5426	}
		101 001	5.3	22.5	. 1.2	+ . 4	0.5	17.7	21.0	6.8		7.7	160.0		

TABLE 9

VS9Y (NM)	\$F3 KTS	N	ME	£	3.6	\$	5=	•	No	ATE	CALM	PCT	TOTAL
	0-3	.5	.0	.0	.0	.0	.0	.0	.0	. 9	.0	.0	
(1/2	4-10			٤.		-7			. č	.0		.1	
	11-21		•	.5	•	.0	. 0		٠,٥	.0		• 1	
	27.	.0	.0	.0	.0	.0	. 0	٠.	.0	•0		.0	
	101 %	•	•	·c	•	•	. 5	. 1	.0	.5	a.	.2	
	0-3		٠0		.0	٠.		٠.	.0	.0			
1/251	10	•		•	•	•0	•	•	•	.0		- 1	
	11-21	.0	•	•	•0	• C	•	•	• 0	• 0		- 1	
	22.	.:	.0	٠.	.0	٠.	• 5		•	•0		•	
	101 1	•	•	•	•	.0	•	•	٠	•¢	•	• 2	
	0 = 3	.:	•	•	.0	•	•	•	•0	.0	•	.1	
1<2	4-1^	•	- 0		•	.0	- 1	- 1	.0	• 0		. 2	
	11-71	•	•	.0	•3	•	• 1	. 1	•	.0		• 2	
	22.	.:	•0	.0	•	.0	.0	•	• 0	•0		- 1	
	101 1	•	•	•	•	•	- 1	•	•	•0	•	.5	
	0-3	.0	•	•	•	.0	•	•	-0	.0	•	.1	
2<5	4-23	.1	- 1	- 1	• 1	. 2	• 3	• 2	• 1	•0		1.2	
	11-71	•	•	• 1	•	. 1	• 2	- 1	•	.0		. 7	
	22.	.0	• 0	.0	.0	.0	•C	•	•	.5			
	101 1	• 1	• 1	. 3	• 2	.2	• •	. •	• 2	.0	•	5.0	
	0-3	.0	•	. 1	• 1	.1	-2	.:	- 3	.0	• 6	1.4	
5<10	4-1C	. 4		. 4		. 6	1 - 1	3.4	•5	•0		5.2	
	11-71	. 1	. 3		• 2	. 3	. 9		• 2	٠,		3.2	
	22.	٠.	- 1	. 1	•	•	• 1	•	•	•0		- 3	
	101 1	• 5	. 8	٠,	, 7	1.5	2 . 3	2.*	. e	• 2	• •	10.1	
	0-3	.9	. 9	1.2	1.0	1.4	1.7	1.5	. 8	.0	7.C	16.3	
10+	4-12	2.9	5.5	6.2	4.3	5.5	10.4	12.3	4.0	•0		51.0	
	11-21	. 9	4.0	4.1	. 8	1.7	2.5	4 . []	1.1	.0		18.6	
	22.	•	. 4	. •	•	•	. 1	. 1	•0	.0		1.0	
	101 1	4.7	10.6	11.5	6.3	6.1	14.7	17.9	5.9	.0	7.0	\$7.0	
	101 095												666
1	TOT PCT	5.4	11.6	13.1	6.9	9.4	17.7	21.0	6.0	.0	1.7	100.0	

AUGL

PERCENT FREQUENCY OF CEILING HFIGHTS (FEFT,MH JA/E) AND OCCUMPENCE OF NH KS/B BY HOUR

HCUR ((*1)	100 149				1005 1999						TOTAL	NH KS/A JNY HGT	TOTAL OBS	
00603	. 7	. 7	2.5	10.6	11.5	3.6	1.9	. 9	. 3	. 3	15.3	64.7	1492	
resuo	1.9		2.4	12.4	13.7	4.5	1.9	. 3	. 4	.4	35.6	60.4	1328	
12515	1.0	.7	4.4	13.7	15.4	4.4	2.2	.5	.4	. 4	43.1	56.9	1529	
18821		.6	5.1	11.5	14.0	6.1	2.4	. 7	•0	.1	3€.€	61.2	1419	
101					791		121				2263	3505	5768	

TABLE 12

		PEPCFAT	FREQUEN	CY YS91	(NP)	5.4 HÔP2		*******					1.84 HOUP	
45(in 45(in	<1/7	1/2(1	1<2	245	5(12	10•	TOTAL OPS	HOUR (GPT)	C150 C50YO	<600 <1	<1000 <*		NH 45/8 AND 5.	TOTAL OBS
caros	-1	•2	. 7	1.3	8.7	59.1	1673	50363	.*	4.2	15.3	21.2	63.5	1445
C6 E D9	.1	. 3	.4	1.5	11.1	26.2	1692	06629	1.9	5.9	19.3	21.7	59.0	1286
12615	. 1	. 2	. 6	2.7	10.4	86.1	1607	12715	1.1	5.4	21.4	23.3	55.3	1466
16621	.4	.2	. 5	2.5	9.0	86.6	1712	18721	.5	4.6	16.6	23.2	60.0	1384
101 139	17	16	36 • 5	142	690 10.0	5988 47.0	6884 160.0	101	59 1.1	294 5.3	1014	1249	3319 59.5	5581 100-0

TARLE 15

WEARS, EXTREMES AND PERCENTILES OF TEMP (DEG F) 9Y HOUR

HOUR MAX 99% 95% 50% 5% 17 MIN MEAN TOTAL

(GMT)

055

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PERIOD: (PRIMARY) 1954-1976 (GYER-\*LL) 1982-1975

TABLE 17

APER 0010 - NICARAGUA SE COAST 9.5% 86.7%

PCT FPEG OF AIR TEMPERATURE (OFG F) AND THE OCCUMPRACE OF FOG (LITHOUT PRECIPITATION)
VS. AIR-SFA TEMPERATURE DIFFERENCE (OFC F)

\$ IR-5f 1	64	73	77	61	۶٩	8:	>92	101		WO	
IND CIE	72	76	~0	64	**	92			.00	F05	
14/16	٠,	٠,	.0	.0	٠	·c	.c	1	٠,	•	
11/13	.0	.0	• 0	•	•	.:	•	5	.0	. 1	
9/10	.0	.0	•0		. 1	. 1	•	1 *	.0		
7/6	.0	.0	. 1	.2	.5	. 1	.0	52	. n	. v	
6	. າ	.0	•	. 2	. 4	- 1	.0	46	.0	. 8	
5	.0	٠.0	- 1	. 5	. 7	- 1	-0	45,	. 0	1.5	
4	.0	.0	- 1	. 9	1.0	. 1	٠٥.	128	.0	2.1	
4 2 1 0	.0	•	• 2	1.2	1.2	•	.3	157	·C	2.0	
2		•	٠.6	3.4	1 - 3	• C	•0	335	.0	5.5	
1	.0	•	1.4	4.2	1 - 1	•	.0	407		6.7	
C	.0	. 1	2.9	8.5	. 8		.0	748	•	12.4	
	•	. 1	7	* . 2	. 6	-0	.0	823	•	13.6	
-2	.0	. 3	7.4	* . 5	. 1	.0	.0	926	.0	15.3	
- 3	٠.	. 3	7.7	4.6	. 1	. 0	-0	175	•	12.8	
- 4	.0	. 3	6.9	2.7	. 3	. c	٠.٥	576	•	0.6	
-5	.0	.5	4 . 7	1.2		.e	.c	390	•	6.4	
- t	.0	. 4	3.0	- 3		• 6	•0	227	•	3.7	
-7/-8	•	1.1	1.7	. 5	. C	٠c	.0	264	.0	3.4	
-9/-19	. 1	. ?	. 5	- 1	. C	. 3	•0	*1	.0	1.3	
-11/-1?	. 1	- 1	. 2	•	. c	.0	•6	20	.0	. 3	
-14/-16	. 1	•0			• C	• ¢	٠.٥	5		. 1	
TOTAL	16		2561		3.86		3		7	6073	
		2.3		2676		43		6040			

>EF 100 - (QVEP-ALL) 1963-1970

TAPLE 10

1-3 HGT
<1
1-2
3-4
5-6
7
8-9
10-11
12
13-16
17-19
23-25
23-35
41-48
49-46
61-70
71-86
61-70
71-86 300000 1010000000000000 \* 11-21 

									*urust							
PEP100:	(CVE)	-1661	1943-1	\$ 70				TAPLE	18 (CONT)	,			AREA	9.		SUA SE COAST
				PC	1 5053 (	)F -1\C	* PF ( 0	(aTS)	AND DIREC	TION V	, FR< 05 5	FA HFIG	HTS (FT	1		
				-		, ••••		(			,0,					
461	1-1	4-10	11-21	22-13	14-67	45.	PCI		1-3	4-10	11-21	22-33	34-47	44.	PCT	
<1	٠.,	1.2					2.2		. 7	1.7		•0		.0	2.5	
1 • 2	Š	3.6		.0		.c	4.6		1.0	8.8	. 7	.0		.0	1.4	
3+4	.3	1.6		. 0		.0	2.7		•2	3.4	1.7	. 2		.0	5.4	
5-6				. c	. 0	.0			.1	1.1		.0	٠,	.0	2.0	
7	. 0	. 1	- 1	- 1	. c	.0	• 2		٠c		. 4	.¢	7.	٠.	. 4	
A-9	.^	. 1		3.	٠٠	.0	. 1		.0	• C	•	•	٠,	.0	•	
10-11	. າ	٠.	- 1	٠	. ^	. 5	•		•0	•0	.0	.5	• 0	•0	.0	
12	.0		.0	•0	. ~	.0	.0		.0	٠.	.0	,0	• £	.0	•0	
13-16	.0		٠.	• 3	• •	.0	. ^		•0	• 0	.0	.0	٠,	•0	.0	
17-19	.0	••	• *	• 0	• 6	.0	.0		٠.	•0	• 0	.0	9.0	.0	.0	
56-55	• ?	٠.	• າ	• 3	. າ	.0	. C		.0	.5	.0	.0	• 0	.0	.0	
23-25	٠.		• ?	• ^	• *	• 0	. 3		ن.	•0	.0	.0	• • • • • • • • • • • • • • • • • • • •	.0	.0	
26-32	•c	٠.	•^	•0	• •	٠.	.0		.0	•0	• 0	.0	• 2	.0	.0	
33-4C	.0	.0	• • • •	.0	• ^	.0	• 0		-0	•0		.0	• • •	.0	•0	
41-46	.c	٠,	•6	•0	• 0	.0	.0		• C	• 2	• 0			.0	-0	
49-60	.0	3.	•6	•0	• 2	•c	.0		•2	-0	٦٠	.0	•:	.0	.0	
61-7C	٠.٢	.0	• (	•0	• •	.c	•5		.0	-0	9.	٠.			.0	
71-66	•^	٠,	• '	.0	• 5	.0	٠.		• 3	*3	•6	.0	•0	.0	.0	
101 PCI	•0	. i.	1.0	• • • • • • • • • • • • • • • • • • • •		.0	10.3		.C 2.C	13.0	.G	.0	:"	.0	18.8	
101 PC1	1.6	6.7	1	• 1	.,		10.5		7.0	3340	3.0	••	•	•0	10.0	
				_								NE				TOTAL
HGT	1-3	*-10	11-21	22-33	34-47		PCT		1-3	4-10	11-21	22-33	34-47	48+	PCT	PC1
G G		2.6		.,	•0	.0	3.5		.3	3.7	. c			.0	1.3	
1 - 2	. ;	6.2	1.4	.0	• 0	.0	10.2		. 4	3.2	. 5	•0	.0	.0	4.1	
3-4		3.1	3.0			.0	6.1		•0	1.2	1.0	.0	.0	.0	2.2	
5-6		7.7	î,t	· C	·r	.0	2.1		.0	. 2	- 1	.0	.0	.0	. 3	
7	. ^			46	. 2	.0	. 7		.0	.0	• ?	• 6	•0	.0	.2	
8-9		. 1		•		9.	.2		.0	. 0	. 1	.0	• 0	.0	- 1	
10-11		.0	• • •	•0	• 0	.0	.0		٠.	.c	.0	•0	.0	.0	.0	
12	• າ	• (	٩.	٠.0		٥.	.0		.0	.0	٠,	.0	٠,	.0	.0	
13-16	. 1	. 0	.0	•0	• 5	.0			.0	.0	.c	.0	•?	.0	•0	
17-19	.0	٠.	• 7	٠.	• c	.0	.0			.0	٦.	•0	• ?	.0	.0	
20-22	.0	•0		.0	• ?	•¢	.0			•0	٠.	•0	•^	.0	.0	
23-25	•^	.0	.:	.0	- 3	٠:	.0		.c	.0	.0	•0	.0	.0	.0	
26-32	.0	•0	.5	•C	.0	٠,	.0		.0	. 3	.0	•0	• 0	٠.	•0	
33-40	٠.	•0	••	• • •	• 0	٠.	.0		-0	.0	2.	•0	2.	.0	.0	
41-42	٠.	• 0	- :	-¢	• 2	•0	.0		.3	.0	.0	•0	• • •	.0	.0	
49-60	٠.	٠.	.:	.9	• 3	.5			•0	.0	.0	•0	.0	.c	.0	
61-	٠.٥	.0	.:	•c	• 2	•5	.0		•0	٠.	.0	•0	7.	.0	.0	
71-#6 £7•	0.	.0		•0	• • • • • • • • • • • • • • • • • • • •	• 2	. c		•0	.0		.0		.0	.0	
101 P*1	1.3	.C		·ċ	• • •	.0			.D	5.6	1.0	.0	.0	.0	9.2	92.4
.v. P.1	,		•••	.1	• 1	• • •	22.8		• '	2.0	1.4	••	••	• • •	3.4	

	WIND	SPEED	,	VS SEA	HEISHT	(f1)		
451	0-3	4-10	11-2:	55-23	34-47	48+	PCT	101
< 3	12.4	10.1	. 3	•0	.5	.0	22.9	
1-2	4.5	31.2	4.2	,0	.0	.0	39.4	
3-4	.9	15.0	10.5	• 3	3.	.c	24.7	
5-6	- 1	3.4	4.9	. 3	٠.5	.0	4.7	
7	.6	.7	2.0	.2	•0	.0	2.9	
6-0	.0	.;		.2	•0	٠.	. 7	
15-11	-0	. 1	.0	. 1	-0	.0	٠.	
12	٠.	.0	- 1	.9	.5	.0	- 1	
13-16	.0	.0			• 0	.c	.0	
17-14		.0	• 0	.0	•0	.0	.0	
26-22	.0		• C	.:	•€	.0	.0	
23-25	.5	٠.	. c	.0	٠٤.	.0	.0	
26-32	.0	.0		.0	•5	.0	.0	
33-46	٠.	. 0		.0	.0	.:	.0	
41-47	••	.0	. 0	.0	.0	.0	.0	
48-67	.0	•е	• 0		٠.	.c	.0	
61-70	.0	.0	• C	9.	. c	٠.	.0	
71-86		.0	٠.	.0	.0	٠.	.0	
87.	.:	.0	٠ć	.c	.5	.0	.с	
								.757
10. PC1	17.9	54.5	72	1.1	•3	.0	100.0	

PERIO	0: (OV	[P-ALL	) 194	9-1 75					33911	10											
					FERCES	£ 25.	CUFNCY (	F = 11	/E HE11	GHT 1F	1) \5	W+4E P	90193	ISFCON	120						
PEP100	<1	1-2	:-4	5-6	7	8-9	10-11	12	17-16	17-19	20-25	23-25	26-32	: 5-40	41-48	46-40	61-75	71-86	67+	TOTAL	MEAN
<6	4.8	14.5	16.7	7.7	2.7	1.1	. 4	. 1	. 1	. 1		. 3		.0	.0	.0	.5	.0	.0	2451	3
5-7	• 2	2.0	7.7	8	4.0	1.1	. 7	• 1	.1	0	e		• • •		+0	.0	.0	•6	•0	1249	5
8-0	•		2.8	3.4	1.8	. 7	. 3		•		•	٠.	.0			.6	.0			498	5
10-11	.0		1.1	1.1	. 5	• 3	. 2	. 1	•	. 1	.0				.0	.0	.0	• G	.0	190	5
12-13	• •	. 0	. 8		. 3	. 1	•	•		, c	.0	.0			.0	.с	.0	- 0	.0	95	5
>13	.0	• 0	.0	٠٤	. 2	.1	. 2	.0			.0	.0	.0		. 5	.5	.0	-0	.0	59	6
INDET	5.1	1.4	2.0	1.4			- 1	. C	.0	. 1		.0	, c	0		. 0	.0	.0	.0	541	z
TOTAL	517	1002	1565	1170	522	177	95	17	13	12	3	0			0			Ċ	0	510A	•

46	P	15	 F 2

	26,16,4865	
PERIOD: (PRIMARY) 1052-1979 40YER-JEL) 1477-1976	TABLE 1	ARES COLO - SICARAGUA SW COAST 9.5% - 56.7%
	PEPCENT FREQUENCY OF WEATHER OCCURPENCE BY WIND	CIPECTION

			\$	PFC 191	14110	tYPE					0146	-	PHENO	MENA	
WHO DIR	PEIN	FAIL Shar	08.°L	FRZG PCFN	SNOL	6554 6554 6664	MAIL	PCPN AT	POPN PAST HOUP	INT'S		FOR NO PCPN PAST NO		SPPAY BLUG DUST BLUG SNOW	
· •	5.3	3.2	.6	.0	.0	.0	٠.		7.2	5.6	٠٤	• (:	. 4	.4	77.9
NE.	2.9	3.9	1.5		. 0	.0	.0	7.5	• • •	5.1		•0	.0	. 0	62.9
ε	3.6	2.5	1.5		٠.	٠.	.0	7.9	3.0	5.3	- 1	• 0			62.6
2 t	5.2	2.7	2.4	. :	.0	.0	. 0	10-1	5.0	8.0	.0	•0	.0	.5	77.1
Š	5.6	3.9	2.5	.0	.ċ		٠Ċ	11.6	4.7	4.6	٠.	• C	.1		78.4
Š¥	7.5	3.,	2.2			-0	٠.	13.5	5.0	3.6	•	• 5			77.3
•	6.G	4.5	2.1	.5	.0	.0	. 1	12.6	6.1	3.7	-1	.0	.2	- 1	77.3
No.	5.6	3.9	1.2			.0		10.5	4.9	3.7		. 6	, 4	.0	60.€
VAR	.0	. 5				.0		. 3	.0			• 0			.0
CALM	1.3	1.5		.c	.0	.0	•0	3.6	3.0	5.1	. 2	. 2	. 4	.0	87.3
TOT PCT	5.5	3.€	1.9	.:	• C	-0	•	11-C	5.3	4.4	- 1	•C	.2	.1	74.2

TABLE ?

PRICENT FREQUENCY OF MEATHER OCCUPRENCE BY HOUR

				0   2   5	TATIO	TYPE					THEO PETTHEN BHENDHENS						
H0UR (6PT)	PEIN	PAIN SHAR	DPZL	FRZG	5404	CTHER FRZA PCPA	MAIL	PCPR 41 CR 71*E	HOUP PART	INDR INDR	500 640 800	FOC =0 FCP: PAST HR	ALIE	SEPAY BLUG JST BLUG SHOL			
COEC: 12615 12615	4.0 6.7 4.8	3,3 4,6 4,2 3,1	1.2 2.0 2.3 1.8	.0 .0 .0	.0.0	.0 .0 .0	.0 .1 .2	12.4	4. ¥ 5. C 6. Z 5. 7	2.5 12.2 3.6	·1 ·1 ·1	.000	.3	-1 -1 -1	84.4 70.5 77.2 84.6		
101 PC1 10 Cas:	5.4	3	1.5	.0	.c	٦.	•	12.5	5.2	4.5	• 1	٠.	•5	- 1	79.3		

TABLE T PRECISED OF SIND DIRECTION BY SPEED AND BY HOUR

		<b>+1</b> 1	in SPE	LP IKNO	(21)								HOUP	(G=1)			
WAD DIP	3-3	4. 1C	11-21	55.23	14-4	***	TOTAL	PCT	7" AN	20	c.	Cr	79	12	15	18	71
							252	FREC	SPO								
te	. 5	2.4		•	.0	.0		3.6	6.9	1.4	.7	÷.7	2	5.3	6.0	5.1	7.2
NE.	.5	3.4	1.4	. 2	~			5.5	6.2	2.4	2.0	3.2	3.6	6.7	9.4	7.7	6.2
€		4.5	2.0	. 1		- C		7.0	9.1	1.4	6.7	4.0	* . 7	5.0	6.8		7.4
\$ 5	1.3	4.7	:.1	•	. 3			6.8	7.2	7.4	6.4	7.5	10.3	4.0		6.4	5.6
\$	1.5	7. *	2.5	. 1	.0	٠.		11.2	7.8	13.4	15.4	12.5	٠.,٠	9.9	11.2	9.7	11.6
Se	2.0	17.7	5.2	. 2	•	×0		71-1	A.8	24.1	25.5	21.3	21.3	15.9	19.5	20.2	22.8
i.	2 . 3	17.6	3.0		.5	. 5		25.6	• . 7	79.0	26.1	24.4	22.4	30.5		25.4	
Ne	:.0	5.7	1.9	. 1	. 3	.0			2.2	` 6	6.2	Α,	15.1	10.4	8.5		
VIP	. n	. 5	٠.^		. 0	- 0		, C	.0	.0	. 7		• C		•6	٠,	.0
CILP	8.0							8.6		7.5	11.2	9.5	15.2	٠.	7.3	6.7	3.4
101 085	1274	*22P	1564	• 13		a	7:30		7.0	1541	120	1509	154	1612	2.9	1726	170
TOT PCT	17.7	50.1	21.9			- 5		16 *-6								100.	100-0

					TAE	LE *A						
		NI 2	SPEED	******						***	(641	1
*10 01*	۰.	7-16	17-21	24-45	*1"	10115	PCT FREC	200	~;	31. 35	12 15	16 21
N	2.0	1.;		.0	٠.		3.6		1.6	,,,	5.6	4.4
NS	2.2	4.7	.6	•	.0		5 5	9.1	3.4	3.2		7.8
Ę	2.7	3.6	.,	•	.0		7.0	6.1	5.4	6.6	6.4	8.9
Ş€	3.7			.0	.5		6.8	7.2	7.5	7.8	5.2	4.4
<	5.2	5.5		•	.0		1.2	7.5	12.4	12.3	4.2	7.4
S =	7.9	12. 2	1.0	-1	, č		23.1	. 4	24.2	21.3	14.0	
v	9.6	17.1	1.3	,c			28.0	9.0	20.6	27.0	29.4	25.2
NV	3.7	*					. :	2.2	6.5	e.2	10.3	4.2
VAP	.0	.0	.0	.0	.0		.0		•0	.0	.0	·c
CAL	4.5						e	.0	1.9	10.0	7.5	6.9
250 101	3775	1587	326	6	0	7135		9	1650	1153	1 31	1896
TOT PCT	44.5	5C.3	•	•						150.0		100.0

SEPTEMBER

PERIOD: (PPTMAY) 1952-1979 1496 4 9.5° 86.76 CORST

PERCENTAGE EPEQUENCY OF SIND SPEED BY HOUR COMT)

				FIND	SPEED I	KNOTSI			PCT	TOTAL
<b>~</b> GUR	CALM	1-5	4-1C	11-21	22-33	34-47	44.	4£ 1 V	FREC	OES
00673	7.9	9.8	60.5	21.2	.7	•0	.0	7.9	100.0	1650
DEEDA	10.0	9.5	50.	21.3	.6	• 1	.0	7.6	100.0	1753
17615	7.5	4.6	60.1	22.6	1.0	•0	.0	8.0	100.0	1 4 3 3
14621	6.9	11.2	56.2	22.5	1.1	• 1	٠.5	5.0	100.9	1666
161	573	701	4228	1564	£0	4	0	7.9		7130
201	k - 0	0.4	40.1	21.9		- 1	- 0		100-0	

TAPLE S TABLE 6 PCT FREG OF TOTAL CLOUD AMOUNT (EIGHTHS)
EY WIND DIRECTION PERCENTAGE FREQUENCY OF CEILING HEIGHTS (FT.NH 34/F)
AND OCCUPATION OF AN 45/F BY WIND DIRECTION S F JOIST CTAES S F JOIST CTORU GENERAL CTORUS GENERAL CONTERNAL CONTERNA .7 1.7 1.1 1.0 2.4 1.7 1.5 3.0 1.2 1.5 3.6 1.6 1.9 5.3 3.6 2.5 10.2 7 6 4.3 13.2 5.8 1.7 3.6 2.6 1.3 3.7 2.5 1.3 3.7 2.5 1.3 3.7 2.5 1.5 3.6 2.6 1.5 3.7 2.5 1.7 3.6 2.6 1.8 3.7 2.5 1.8 3.7 2.5 1.9 5.3 3.7 2.5 1.9 5.3 3.7 2.5 1.9 5.3 3.7 2.5 1.9 5.3 3.7 2.5 1.9 5.3 3.7 2.5 1.9 5.3 3.7 2.5 1.9 5.6 47.1 35.4 100.0 .c .4 .7 .7 1.4 3.5 4.7 1.0 .6 67c .1 .1 .2 .3 .4 .6 .2 .2 .2 .2 .2 .2 .2 .3 .4 .6 1.3 1.6 .6 .0 .3 787 .0.0.0....... 2.2 3.4 4.7 3.7 6.1 9.9 15.7 4.9 2853 55.5 .6 .7 1.0 2.0 4.0 5.0 1.0 855 .1 .1 .2 .0 .1 28 .5 .0 .1 .0 .1 .7 .3 

TABLE 7

CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT ( A 20/8) AMD YSBY (MP)

					VSBY IN	13			
	CERLING	: 0R	40 2	: 69	= 00	2 05	= CR	= CR	# CP
	(FEET)	>10	>5	>2	>1	>1/5	>1/4	>50+D	>0
:	OR >6500	.5	• 5	.5	.5	.5	.5	.5	.5
:	09 >5 100	. 9	1.0	1.3	1.0	1.0	1.0	1.0	1.0
:	CR >3500	2.6	3.6	3.1	3.1	3 - 1	3.1	3.1	3 - 1
:	CR >2200	7.4	8.4	8.6	6.7	8.7	6.7	8.7	8.7
=	CR >1000	21.3	24.5	25.4	25.5	25.6	25.6	75.6	25.6
=	02 >660	31.2	37.3	36.3	34.5	38.6	30.6	38.7	36.7
:	CR >1co	33.5	40.4	42.1	42.4	42.5	42.5	47.6	42-6
2	OP >150	33.7	41.3	42.6	42.4	43.1	43.1	43.2	43.2
=	¢≥ > J	34.1	42.1	45.6	44.1	44.2	44.3	44.4	44.5
	TOTAL	1763	2705	2242	2307	7316	2319	2325	2327

TOTAL NUMBER OF OBS: 5234 PCT FREC NH 4578: 45.5

TABLE 7A

PERCENTAGE FRED OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 A ORSCO OBS 2-3 7.9 14-7 15-2 17-9 9-9 11-1 4-6 14-5 .A 5557 \*FPTE=BER

P100:	(PRIMARY) 1 (O/ER-ALL) 1							ta	5LE #				APE	A 0010	NICARAGUA SW COAST 9.5% 86.7W
			P	FRCENT					VS OCC					roF	
	4564 (NP)		•	Ąŕ	C	SE	5	\$ <b>6</b>	٠	**	449	CALP	PCT	TOTAL	
	<1/2	PCP NO PCP TOT I	G.	,. 2.	.0	.0	.:	.1	• 3	:	3.	.c 0.	. 3		
		PCP	• 0		•	•	÷	• •	.1	:	.0		٠.		
	1/2(1	101 1	.0	.o	.0	:	•0	.i	. 1	• • • • • • • • • • • • • • • • • • • •	.0	.0	.2		
	1<2	PCP NO PCP TOT 1	:	.c	.5	.0	٠.	.1	•2	•1	o. 0.	.0	. ?		
	2<5	PCP NC PCF	- 1	.:	.1 .1	:	.1	. 3	.3	:1	.0	•	1-2		
	213	101 1	• 1	• 1	.1	- 1	.3	. •	. •		9.	. ;	1.7		
	5<10	°CP NO °CP 101 2	•3	. 4	: ;	.7	.5 .8 1.4	1.2 2.9 3.2	1.5 2.4 3.9		 ::	.5	12.9		
	10+	PCP NO PCF TOT 2	•1 3•2 3•3	. 2 4. 5 4. 7	.? 6.2 6.4	.3 5.2 5.5	.5 *.7 9.3	1.1 16.0 17.1	1.5 22.2 23.7	.3 7.0 7.3	9. 2.	.; 6.8 6.9	4.: 70.8 84.1		
		101 C65	3.8	5.6	7.3	4.6	11.0	21.0	28.6	*.7	.*	7.6	100.0	6257	

TARLE 9

			•					ECTION S OF Y			ED		
VSPY (hm)	SPC KTS	•	46	ŧ	SE	s	S =	٠	**	VAR	CALP	P~1	TOTAL
	C-3	-0	. G	.0	.0	•	•	•	.0	.0	.¢	•	
<1/2	4-10	-0	.0	•	•	•	•	•	•	.0		. 1	
	11-21	.0	•с	.c	•	•	•	•	•	.0		. 1	
	22.	.0	.0	٠.	-0	•¢	.0	.0	.0	٦.		.0	
	101 1	. 0	-0	•	•	•	- 1	- 1	•	.c	٦.	. 3	
	0-3	.0	-c	.0	٠.	-c	.0	.c	.c	.0	٠.	.0	
1/2<1	4-1°	.3	•	•	•	•	.0	•	•	٠.		. 1	
	11-71	٠.		•	-0	•	•	. 1	•	2.		. 1	
	22.	.c	.0	.0	-0	.c	•	• 6	٠.	٠.		•	
	101 1	.0	•	•	•	•	- 1	. 1	•	.0	.5	. 3	
	0-3	•	•	.c	•	-0	• 0	•	•	•£	•	- 1	
: < 5	4-16	•	•	•	- 1	•	. 1	-:	. 1	• 0		.5	
	11-21	.0	•	٦.	•	•	- 1	- 1	•	.:		. 3	
	22.	٠.	.0	3.	-0	•	•	-c	.c	. 5		•	
	101 1	•	•	•	-1	-1	.2	- 5	- 1	•0	•	٠,	
	0-3	•	•	.0	•	•	•	•	•	-0	- 1	.3	
2<5	4-10	• 1	-1	. 1	•	• 3	. 3	• 2	. 2	.0		1.3	
	11-71	•	•	•	•	•	• 2	• 2	•	.0		.6	
	22.	•0	•	•	•0	•	•	•	٠.	.0		. 1	
	101 1	• 2	.2	- 1	- 1	.•	• • •	.5	•2	• ^	- 1	5.3	
	3-3	. 1	•	- 1	-1	- 1	- 3	.2	•	.0	.5	1.7	
5(10	4-10	• 3		.5	•5	. •	1.9	2.1	-7	.0		7.2	
	11-71	- 1	• ?	.2	• 3	.5	1.7	1.5	. 3			• • 1	
	55-	-0	- 1	•	•	•	•	• 1	•	.0		.2	
	101 1	••	. 7	• 6	1.0	1.4	3.2	3.6	1.0	.0	- 5	12.8	
	C-3		. • •	. •	- 4	1 •	1.7	3.5	.•	•0	7.2	15.7	
10.	4-10	2 • 2	2.9	3.5	٠.3	4.3	11.2	1	* . 7	•0		49.6	
	11-71	• •	1.2	1.9	- 7	1.5	3.6	4.2	1.6			17.3	
	22+		. 1	- 1			. 2		- 1	. 0		.6	
	101 2	3.2	*.6	6.3	5.5	9.2	16.9	23.3	7.2	•0	7.2	13.4	
	01 025												656
1	OT PCT	3.8	5.5	7.2	4.4	11.2	70.4	28.0	4.6	٠.	7.8	100.0	

SEP1E#860

PERIOD: (PPIMARY) 1952-1974 (OVER-ALL) 1977-1976

149LE 10

AREA DDID MICARAGUA SW COAST

PEPCENT	FRECUENCY	OF	CEILING	HEISHIS	IFEET.NH	24/21	AN

		occountact of the 1370 Et auth													
HCUP	EC C 149	150 299				3499 2560					TOTAL	54 451 544 HGT			
20330	1.1	.7	3.5	12.1	16.1	4.9	1.7	. 7	- 1		41.3	58.7	1382		
06609	1.7	.5	2.4	13.1	16.1	5.5	2.2	.4	.3	.6	43.6	56.2	1208		
12015	1.2	.6	4.7	14.3	17.6	5.3	2.0	.4	• 2	-1	45.9	54.1	1422		
14621	1.3	.5	4.0	11.6	15.5	5.9	2.5	.6	-1	.2	42.4	57.6	1364		
101 PC1	75 1.3	31								17		305÷ 56.6	5396		

TABLE 11

149LE 12

		PEPCENT	FREQUES	C. VS5	r (4P)	94 HORD		Cv#UL≯1					4587 (44) 9004 48.6	
HCUR (GMI)	<1/2	1/2(1	142	2 < 5	5<10	10.	TOTAL	HOUR (6°1)	<150 <50YD		<1000		NH (5/8 AND 5+	TOTAL
cotes	. 3	. 3		1.9	10.2	10.6	1562	56163	1.0	5.4	18.5	23.*	57.6	1346
06609	•2	.4	1.6	2.1	14.5	81	1631	96800	1.7	5.6	20.4	24.7	54.9	1170
12615	. 3	.2	. 5	3.1	14.1	81.6	1736	12625	1.2	6.4	21.9	25.9	52.2	1369
16621	.5	.2	٠,	2.0	11.9	24.5	1748	14651	1.3	6.1	18.6	24.9	56.4	1347
101	22	19	57	153	85*	5598	6707	101	64		1040	1301	2893	5234

TABLE 13

\*#BLE 14

	PERCE	AT FR	EQUENC	Y OF 9	ELATIVE	HU#1	011 T B1	TEMP				PERC	ENI FO	COUFNO	T OF W	IND DI	RECTIO	N BY T	[#P	
1646 E	0-27	30-30	40-49	50-59	65-69	70-79	60-69	90-100	1014L 2#5	FREG	*	4E	ε	3.6	s	5 h		NH	YAP	CALM
49/44 85/89	•0				:	• • • 2	1.2	٠,	39 376		.1	.1 .8	.1	•	.0	1.0	.2	::	.0	-1
80/84	-0						32-1	6.4	2940	55+0	2.4	3.5	4.6	3.7	5.4		14.9	4.7	.0	4.9
75/79	-0	• ?					18.0		1963		.9	1.0	1-5	1.4	*.5	6.3	12.0	2.9	-0	2.2
70/7 <b>=</b> 1014L	•0					1147	2791	1297	59 5417	1.1	-1	.1	- 1	- 1	- 1	.3	. 3	.1	•0	•
PCT	•0	٠.	.5		, 5.4	21.9	51.5	23.4			3.9	5.4	7.3	4.1	11-1	21.1	28.9	4.5	-0	7.6

				TAI	LE 15									33847	16			
	MERNS.	Czipse	ES AND	PEPCE.	TILES	of 164	P 10E	( f) e	4 MOUR		PE #C	(LI FAC	QUENCT	OF PELA	TIVE H	<b>#101</b> 17	84 4006	,
40UP (GMT)	-47	965	46.4	501	51	11	-15	PEAN	TOTAL	#0UP (G*1)	0-29	30-50	66-64	70-79	£0-4+	90-100	PEAN	TOTAL
00403	47	66		* 1	77	7 4	69	60.5	1661	00803	.0	- 1	1.7	23.3	55.0	19.5		1347
CAED	EP	84	8.3	£ C	76	7 -	72	79.4	17#5	26669	. C	.0		13.5	57.0	24.9	9.6	1374
12615	89	8+	A 3	75	76	74	69	74.4	1849	:2615		.1		13.0	54.7	30.9	86	1442
14621	94	96	**	62	77	74	12	*2.3	1451	19621	-0		7.6	36.9	39.4	15.7	61	1366
101	٥.	87	86	9.	76	7-	6.6	8C-5	7236	101	6	4	134	1211	2071	1323	**	5<49

SEPTEMBER

PERIOD: (PRIPART) 1957-1976 (OVER-ALL) 1877-1976

TABLE 17

APER GOID - NICARAGUA SW COAST 7.5% - 86.7m

e dalo estro estado de destado de estado estado estado estado estado estado estado estado estado de estado de e

PCT FREE OF AIR IEMPERATURE (DEG F) AND THE OCCUPATINGE OF FOS (MITHOUT PRECIPITATION)
VS AIR-SFA TEMPERATURE DIFFERENCE (DEG F)

110-3E t	69 72	73 76	77 40	£1	55 88	92	>92	101	ros	£00
14/15	.c	.c	.5	-0		•	.0	3	.0	. 1
11/13		.5	.0	. 2	- 1	•	.c	5	.0	. 1
9/1C	.0	.0	.0	- 1	• 1	. 1	•	20	.0	. 3
7/8	.0		•	. 3	. 3			\$7	.c	1.6
ı	.c	.0			. 5	. 2	.0	49	.0	
	.0	.0	- 1		.,	- 1	.č	92	. c	2.4
	. 3	.0	.2	. 9	1.0	- 2		129	.,	2.2
3	-0				1.1	-:	.0	140	.0	2.4
2	.c	•	. 6	2.7	1.2	•	. 0	256	.0	4.6
ī		.0	1.3	3.6	7,7	. c		346	•	6.0
5 3 2 1	.0	. 2	3.0	7.5	. 6	•	.0	698	. 1	12.0
-1	.0		5.5	6.9	. 3	٠,	.0	739	•	12.7
-2	.0	. 3	9.1	7.1	.;	.è	.č	962	•	16.6
+3		. 3	7.5	3.5	. 1	,5		700	.0	12.1
	•		7.4	2.2	•	.c	.5	616	, č	10.6
- 3	.0		5.5			.č	.5	***	.0	7.7
-6			2.6	;				229	.ŏ	3.9
-7/-6		1.4	2.2	. 2	.6	.0	•0	222		5.4
-6/-12	- 1	.,		٠:	.5	.č	.0	£7	.0	1.2
-11/-13	.;	. 2		٠.	-5			20		3
-19/-16	.5	٠.	•	•0	ă.		.5		.5	- ':
TOTAL	10		2751	••	411	••	.3	•		5792
		*22		2244		57	-	5198	۰	2.42
PCT	.2	4.5	47.4	38.7	7.1	1.0	- 1	120.6	- 1	99.6

PERIOD: 164ER-ALL) 1963-1970

TABLE 18

PCT FREG OF WIND SPEED EXTS) AND GIPECTION YERSUS SEA HEIGHTS (FT)

				~							~ ₹			
HGT	1-3	4-10	11-21	22-33	34-47	46.	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1		.7	• 0	.0	•9	•0	1.1	-1	.6	- 1	.0	.c	-0	. *
1-2	• 3	1.3	.?	.5	. 3	•0	1.4	•1	1.6	- 3	.0	٠.	•c	1.4
3-4	-1	- 3	- 3	.0	.0	•0	.7	.1	. 7		. 1	•0	-0	1.4
5-6	.0	• 2	•	.0	.0	.0	-2	.0	•	.?	•	-0	-0	•2
7	.0	.0	•	•	.0	•0	- 1	•C	•	- 1	•	.0	• •	.1
8-7	.c	-0	• 7	.:	• 0	•0	.0	.0	+0	•	.0	.c	.0	•
10-11	.0	.0		.0	.0	.0	•	.0	.0	•	.1	.c	•0	- 1
12	.0	٠.	.5	.0	.5	.0	.0	.0	•0	• 0	.5	.0	.0	.0
13-16	.e	.0	٠.	.0	.0	.0	-0	.5	•0	•€	.5	• • •	.0	•0
17-19	.0	.0	.0	.0	. 3	.0	٠.	.0	•0	.0	-1	•0	•0	. 1
20-22	-c	.0	٠.	-0	.0	٠.	•3	.c	•0	.0	.5	٦.	.0	-0
23-25	٠¢	•5	-0	.0	.0	-0	• 0	.0	.0	.0	-0	.0	.0	-0
24-32	.0	.c	.0	.0	• 0	.0	-6	.0	. 3	.0		•₽	.0	•0
33-40	.0	- 5	-5	-3	.0	.0	-0	.0	.0	• 0	-0	9.	.0	.0
41-48	.0	٠.5	-0	-0	. 0	-0	-0	.0	.5	. 0	-0	.^	.0	.0
49-60	.0	•0	•0	.0		.0	• 0	.0	.0	• C	-0	٠,	.6	٠.
61-70	.0	.0	•0	.0	. 0	-0	.0	.0	.0		-0		.0	-0
71-86	-0	٠Ç	.0	-0	.0	.0	• • • •	٠.6	.0	.0	.0	•	-0	• 6
47+	• 2	.0	+0	.0	.:	٠.	•0	-c	.0	٠.	.0		.0	•0
TOT PCT	.7	2.5	- 6	•	-0	.0	3.4	.•	2.3	1 - 3	• 2	••	9	4.1
HST	1-3	9-10	11-21	22-33	34-47	48.	PCT	1-3			22-33	34-4		PCT
<1		10	11-21		.0	0	.,	1-3	•-10	11-21	22-33		• • • •	1.0
1-2	::	1.7	:;				2.6			·ċ		•-		
3-4		1.2				3.	2.1	.2	2.4	.3	.0	.0	-0	2.6
5-5	.0			.1	.5		.;		• •	::	•	c	٥.	1.
7,	.2	•			.5		::						v	-1
6-9	.5	.0	•		3.	:6	•	.c	::	٥.	.0			.2
10-11					:6	.0		.0	::			."		.0
12		-6		.5	.5	.5	.5			3.	••	.0	5	•6
13-16		.5	.5	•0	::	.0			:5					.0
17-19	.0			• • •	.5			.0				e		:0
20-22	• 5	::			.0		.5	ž	::			.0		••
23-25	.0	::	::	-5		::		:6	.5		::	.0		
26-32	č	-0	::	3.	::	:0	iò		:5			.5	:0	.0
33-40	.5	-5	:5	.5	.0	.5	5.	:5	.5	.0	.0	.0		.0
41-44	.0	.0		.5		.5	.6	.5	.5	.0	-0	.0		.0
49-60		:5	.c	••	.5		.3	.0	.0	.0	.0	.c		.0
61-75		::	.0	::	.ć	.,,		.0	.5	.6	.0		.5	.0
71-86	.ŏ	:5	.5	.5	.,	:ć	.5		::			.0		.0
87.	.0	.0					.5			.0			.0	•0
101 PCT		3.6	2.4		ě	.5	5.5		•.3		•••		.0	5.7
	• • •	4.6		• • •	• 0	•••	2.7		***	• *	•	• •		

PEPIOD:	COVE	8-1661	1961-1	<b>470</b>				SEPTEMBER TABLE 18 (CONT)	,			1851	9010		GUA SW COAST
				PC	1 FPEC C	F AINC	SPEED	(+TS) AND DIREC	CTICN Y	EPSUS S	EA HEIG	HTS (FT)	1		
HEI	1-1	4-10	11-21	\$ 22-33	34-47	48.	PCI	1-1	4-10	11-21	5. 22-33	34-47	141	PCT	
41 (1		1.3	11-21	27*33	****	1.5	1.7	1-3	1.6	11-21	27-33	*****	7.0	2.5	
1-2		3.5		.0	:.		4.5		7.6	1.7	.0	:.		9.9	
3.4		1.7	1.1		.0	.c	2.9		4.6	2.7	.1	.c	.0	7.5	
5-6		. 5			.;	.c		.0		1.9	•1	• ?	.0	2.6	
7	.0	•	.2		ۇ.	.0	.2	.0		.3	.1	.0	.0	. 4	
9-9		- 1	. 1		. 7	. c	• 1	.c		• 1	•	٠.	-0	.2	
10-11	.^	.0	.0	.0	. ?	.0	.c	•C	.0	.0	.0	.0	.0	.0	
12	-0	••		•0	.0	.0	.0	.0	.0	٠.	.0	.0	.0	.0	
13-16	•0	.5	.:	.0		.5	.0	.0	.5	.0	.0	.0	.0	-0	
17-19	.0	•0	.:	. 9	. )	.0	.0	-0	.c	.c	.0	•0	.0	.0	
20-22	-0	•c	٦.	.0	• ?	.0		•0	. 9	.0	.0	.0	.0	.0	
23-25	-0	٠٤	• 2	.0	• 2	٠.	-0	٥٠	.0	.0		2.	.0	.0	
26+32 33-40	.0	٠,	• 5	.0	.3	٥.	.:	·c	٠.	o. 0.	.0	.0	.0	.0	
-1-46	3.	٠.	:5	.0	.3	.0		3.	.c	.0	.0	.0	.0	.0	
49-6C	3.						.5	.0		.0				.0	
61-7C							.5	.0				.0		.0	
71-06		֏	ì.	3.		.ć	.5	3.	.5	.0					
£7.	.0			3.			.0	.5	.5	.0		.ñ			
TOT PCT		7.6	2.6	.5	• =	.5	10.4	1.3	14.9	6.7	. 3	.c	.0	23.2	
															TOTAL
H61			11-21	22-33	34-47	44.	PCT	1-3	4-13	11-21	22-33	34-47		PCT	961
<1	1-3	10	*****	44-33	.0	7.0	3.3	1-3	1.0	*****			.0	1.4	
1-2	;	5.0	3.7		:5	::	12.6	:3	2.6	:;	::	::	.5	3.8	
3-4	.,	5.3	. 3	•	.0	.5	10.5		1.5	1.1		.c	.0	2.6	
5.6	.í	1.2	7.5	.1			4.2					9.	.0	.,	
7,0						3.	. 7			.1		• 0	.0	.1	
8-9	•0	.1	•	•			.2		.0	-1	.0	•¢	.0	-1	
10-11	.0	٠.		.5		.:	.c	.0	.0	.0	.5	.0	.0	.0	
12	٠.	•0	•:	.0	.0	.0	.0	3.	.5	-0	.0	٦.	.0	-0	
13-16	٠.	٠.	• • • • •	.0		.5	.5	.0	.0	.0	-с	•0	.0	.0	
17-19	٠.	.0	.0	.:	• • •	٥.	.0		.0	.0		.0	•0	.0	
20-22	.0	٠.	.0	٠.	.0	.0	. ?		.5	.0	•0	•0	.0	•0	
23-25	•1)	•0	٠,	.0	- 3	.0	٥		• • •	.0	-0	.0	.0	-0	
26-32	• 5	٠.5	٠,	٠,	• • •	٠.	c		•0	.0	-c	2.	•0	٠.	
33-4C	٠.	٠.	٠r	٠.	• 2	٠.	.0	.0		.0	-0	•1	.0	.0	
41-46	• ?	٠,	.0	.3	.7	.0	.0		.0	). 0.	.0		.0	.0	
49-60	.0	٥.		.0	.0		.:		.0	3.	.0	.0	.0	.0	
61-70	.0	- 0	٠,		.,	:5	.0	.0			.0	.0	.0	.0	
71-86 67•	.0	.0		•0	.5	::		.0			.0	.0	.0		
101 PCT	1.3	16.1	11.0	::		:č	31.1	.6	5.4	7.6	••	: 6	.0	4.6	+3.4

	MIAD	7.660	(*15)	VS SEA	HEIGHI	(FT)		
#G\$	0-3	4-10	11-21	22-33	34-47	46.	PCT	101 085
<1	10.5	9.3	.4	-0	-0	.0	20.2	053
1-2	3.4	21.4	7.5	.0		.0	39.4	
3-4	• •	14.7	11.5	. 3		.0	27.7	
5-6	• 1	3.0	5.9		.c		7.4	
7		. 5	1.0	. 1	٠.		2.4	
6-0	.c	.1			.0		٠.	
10-11	.5	.5	-1				• 1	
12				.0		.0	.0	
13-14	.5	.5					.0	
17-19	- 0	.0	.0				-1	
20-22	٠.	.0					.c	
23-25	.5	.0					.0	
26-32	.c	.5						
23-46	.0		.5				.0	
41-44		.0		.0			.0	
49-65	.5		.5				.0	
61-70	·c	.5					.0	
71-54	.0	.0	.c					
A2 -							.5	
-	••				- •			1547
101 901	14.6	57.1	27.2	. •	- 6	-0	300-0	

<b>efe10</b>	9: 161	{	194	4-1-79	•				14666	16											
					PERCES	· Fato	<b>LENCT</b> C	L #1/	re me 10	GHT EF	. 1 42	WAVE P	97193	ISECON	051						
PERIOD ISECI	41	1-2	3		7	4.9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	*1-**	**-60	61-70	71-06	87•	TOTAL	HEAN
46	4.0	15.1	17.7	7.2	2.7	1.0	••	.:	٠.	-0	.0	.0	.0		.0	.0	.0	-0	-0	2375	3
6-7	.2	1.9	4.2	9.4	3.3	1.2	. 5	• 1	.1	•	٠.	•	.0	.0	.0	٠.	-0	.6	•0	1170	5
8-9	.1	.7	2.5	3	2.5		•5	-2	. 1	. 5	•		.0		.0	.0	.0	-0	.0	491	5
16-11	.5	.5	: . 2	1.1	. ;	.:	•	•		.0	٠.		.0	.0	.0	.0	.0	.0	-0	186	5
12-13	3.	. 3	. •		.2		•	•	•	.0	.0	.5	-0	.0	.0	.0	.0	.0	-8	47	5
>13		.0		. 3	. 3	. 1	•	•	٠.	•	.0		-0	-0			.0	.c	.c	30	7
INCE	4.5	1.7	2.4	1	. 8	.3	.:	.0	•	•		.0	-0		.0	.0	.0	.0	.2	535	2
INTOI	442	455	1571	1104		175	•€	26	14	3	1	1	5	. 0	C	0	0		э	4483	•
PCT	9.1	14.6	32.4	22.7	10.1	3.5	1.2	-5	- 3	-1	-	•	•0		.0	.0	.0	.0	.6	,00.0	

PEPIOD: (PPIMAPY) 1953-1979

TABLE :

APER ODIO MICAPASUR SE COAST

enteren kande perekan keran keran beranak bandak bandak bandak bandak bandak bandak bandak bandak ba

PERCENT FRECUEN	CY OF	MEATHER	OCCUPRENCE		615C	DIPECTION
-----------------	-------	---------	------------	--	------	-----------

				efc:pi	14110	4 *1FE					Cinta	*E#T#EP	PAFRO	PESA	
FMC 016	RAIR	SAIR.	OPIL	FRZG PCPh	540=	GIHER FRZN PCPN	## IL	PCFN AT	1240 MA39 PUCH	inga ( ing	F06 40 FCPh	FOG WO PCP% PAST HP	SHOKE		
	4.6	2.7	1.2		.0	٠.	•c	4.7	5.2	3.3	٠.	.5	.0	.0	*2.7
NE	2.2	1.5	- 5	٠.	.0	.0	.0	*.:	3.1	4.0	.:	0	.0	.0	48.3
C	3.8	1.5	.9	.0	.c	.0	.0	6.5	5.4	5.7	٠.	.0	•2	.2	#2.3
SE	6.0	3.2	1.5	٠.٤	.0	.0	٠.	10.5	7.3	6.3		.0	. *	٠.	75.9
\$	8.7	4.7	2.5	.0		2.		15.4	*.1	3.4				.2	71.7
5.	8.5		3.1	.0	.0	.0	٠.	16.0	7.1	2.0	- 3	.0		. 1	74.6
•	6.5	3.4	2.3	• ?	٠.	٠.	- 1	12.5	6.4	2.4	3		- 1	.0	77.2
	4.9	3.4	1.6	٠.	.0	.5	.c	10.1	5.4	3.1		•		.0	80.6
VAR	.0		٠.	45	.:	٠.	. 5	.5	-0			-0	.0	٥.	•€
CALM	1.9	1.3	.5	•c	-с	•0	.5	3.7	4.0	4.5	٠.	.0	-5	.3	86.9
101 961	6.1	3.5	2.0	٤.	.0	.0	•	11.4	6.3	3.5	- 2	•	-3	.1	76.4

TEFLE >

#### PERCENT FRECUENCY OF MEATHER CCCURPENCE BY HOUR

				RECIPI	1141:0						CTHE	4[   THE P	PHF %C	*[*4	
HCUP (541)	PAIN	Swep	SPZL	tose for	SAC	DTHER FRZA PCPA	-AIL	CP, 1146 ECb/ 1146	PCF4 6451	t tro		PCPL	4128	25074 8FPC 3021 8FPC 340#	
00003	4.6	5.:	2.1	.0	.0	.0	.с	9.4	5.7	2.4	.1	.0	• 2	.2	-1.0
06100	4.3	*.4	2.2	.0	-0	-0	- C	12.9	6.4	10.1	.2	.0		- 1	70.6
12615	8.2	3.2	2.2	٠.		.0	. 1	23.5	7.4	2.7	. 1	٠.	- 1	.1	76.4
18621	5.1	3.1	:	-0	•0	.5		1.7	5.6	-2	-2	. 1	- 3	.1	*3.*
TOT CASE	6.1	3.5	3.5	.:	.0	.0	•	11	6-3	3.4	• 2	•	.3	.:	78.3

TABLE

## PEACENTAGE FREQUENCY OF -IND DIRECTION BY SPEED AND BY HOUR

		w21	& SPE	ER IKAC	153								HOUP	(641)			
PFD 010	2-3	10	11-21	22-33	34-47	44.	1011L 083	PCT FREQ	SPD	00	03	06	~*	17	15	10	21
	. •	3.2	. 4	•	•0	.0		5.1	7.4	4.2	2.4	3.1	٠.;	7.0	3.6	+-1	5.5
٩E	.7	*.7	2.4	. 1	.с	-0		7.6	•.3	6.4	7.7	5.3	11.2	4.5	8.7		4.0
ť	. 0	4.2	2.0	- 1	.5	.0		7.2	8.9	6.2	4.0	6.7	2.8	4.6	2.8	4.8	3.4
3.6		3.6	.,	• 1	.0	• 6		5.5	7.5	5.5	5.8	4.6		4.4	5.1	5.4	6.9
\$	. •	5.2	2.5	• 1	.6	.0		8.7	9.1	21.7	e.3	9.2	9.1	6.7	4.9	4.7	4.2
5 -	1.4	12.7	8.0		.0	.0		22.4	10.0	24.8	23.4	23.0	22.3	19.3	24.5	21.1	26.6
•	1.9	16.3	10.3		•	.0		28.9	16.0				27.4		35.4		31.0
No ac	.7	4.0	2.4	- 1	•			8.3	8.4	6.4	7.9	6.4		11.3	6.7	4.4	7.8
440	·c		.0	. 3	.0	.0		.0	-0	.0	.0	.0	.:	.0	-9	- 2	.0
CALM	6.2							4.2	.0	4.2		4.7	6.3	4.3	8.6	5.5	4.1
101 085	1024	3432	2548	97	1	3	7032		4.4	1574		1"68		1595	152	1712	174
10: PC1			27.7			.0		120.0					100.0			100.0	100.0

140LC 14

-50 DIF	0-6	51ND 7-16	SPEED 17-27	1440151 24-40	•1•	TOTAL ORS	PC1 FPEQ	#74k 542	03 03	400f 76 07	12 15	18 21
*	2.7	2.:	-7		.5		5-1	7.2	*.1	3.4	4.7	6.1
٩E	2.7	•••	- 6	.c	-0		7.6	9.3	6.5	5.7	8.5	9.3
£	2.6	2.9	.5	•	٠.		7.2	4.9	6.0	6.4	4.1	4.3
SC	2.4	2.5		•	-0		5.5	7.5	5.4	4.4	4.5	5.5
\$	3.1	5.0	. 7	.0	.0		4.4	4.1	11.5	9.2	4.5	e.3
\$•	6.1	14.2	2.1	•	.0		22.4	10.0	24.7	23.5	19.7	21.0
ě.	6.5	11.2	2.6	-1	.5		24.9	10.0	24.4	29.9	30	27.2
44	3.2	4.6		•	.0		6.3	4.6	6.9	4.4	11.0	
>49	٠.	.0	.5	.5					-0	.0		. 5
CAL	4.2						6.2	.0	6.4	4.3	4.6	5.4
290 101	7546	3459	515	10	٥	2032		2.8	1444	1695	1747	1892
TOT PCT	37.7	54.9	7.3		.š		100-0		170.0	100.0	100.0	130.0

CCTOBER

PERIOD: (PRIMARY) 1953-1979

10VEP-RLL) 1977-1979

PERCONTAGE PREDUENCY VI JIND SPEED by MOUR (GP1)

TAPLE 5

がある。 1987年 - 1987年

ν,	CI 19E			COLO A		(		,					CEILIN Nr CS/					
END CIF	^-:	*	4.7	~* 5CC	1014L 260	CCAEL	7C0 149	157 299	300 599	600 166	1000	20G0 34#4	35GC	5000	6500 7999	<b>\$</b> 000+	MH (5/8 847 MGT	
•	٠,٠	1.7	2.1	1.7		5.0	•	٠.	-1		.5	.2	.1		.0		3.6	
A.F	1.7	2.0	3.:	1.3		4,7	•	.0	. 1	. 6	. 7	. ?	•2	•	•	•	6.1	
L	1.1	1.4	2.5	1.5		5.1	-1	•	• 2	. 7	1.0		• 2	•	- 2	•	5.3	
SE	. 5	1.0	7.4	1.4		5.0	•	. 2	- 1	. 6	. •		• 2	•	•	.0	2.4	
\$	.6	1.2	3.4	2.7		6.1	-1	.2	. 5	1.6	1.4	.5	- 3	. 1	.0	. 2	•.2	
Š¥	1.7	2.4	0,7	5.2		6.3	.5	. 3	1.1	3.4	4.2	1.5	- 5	. 1	•	.1	4.8	
i	1.7	4.2	13.0	9.0		5.1		-1	1.4	4.2	4.5	1.4	.7	.3	- 1	.2	14.5	
i.u	. 7	1.4	4.2	2.0		4.0			. 3	1.1	1.1	. 6	.2	•	.0		4.5	
¥42							.с	.0			٠.	.c	-0	.0	-0	.0	.0	
CAL-	1-1	1.2	7.5	3-1		5.0	• 1		- 2		. 4	.2	-1	-0	•	.1	4.0	
TOT CES	522	191	2291	1527	5324	5.0	ÉĈ	34	219	732	***	203	113	23	13	10	2930	5314
TOT PET	9.5	14.3	45.3		103.6		1.5	. 6	4.1	13.4	16.0	5.5	2.1	.6	.2	. 3	55.1	100.0

....

## CUMPLATIVE PCT FAEL OF SIMULTANEOUS OCCURPENCE OF CEILING NEIGHT INN 24/81 AND VSBY (NP)

						#SPY (%	•;			
	- 69	ILINS	: (2	= C#	= 00	= 00	7 OF	= 60	: 08	= CA
	41	LF 11	>15	>5	>2	71	>1/2	>1/4	>50*0	70
:	¢5	24500	.:	.+				-6		
:	GR	> 250		2.1	1-2	1.2	1.2	1.2	1.2	1.2
Ξ	C#	>:500	2.6	3.2	3.3	3.3	3.2	3.3	3.3	3.3
=	Ç₽	>2255	6.9	9.2	8.5	6.7	2.7	4.7	8.7	4.7
:	04	>1220	19.6	23.7	20.3	24.6	20.6	24.6	24.7	24.7
:	CP	24.00	29.4	36.6	37.9	30.3	34.4	34.4	34.4	38.4
:	C2	>300	31.5	·C-2	41.5	42.4	42.4	42.5	42.5	42.5
:	0.8	>:50	31.7	40.7	42.4	43.0	43.0	43.1	43.1	+3.1
:	CP	> 3	32.5	41.7	43.7	44.3	**.*	44.5	44.5	**.*
		TOTAL	17-3	226 t	2374	2414	2+14	2423	2425	2426

TOTAL NUMBER OF DRS: 5444 PCT FRED AM 45/P: 55.4

TABLE 74

## PERCENTAGE FREE OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 6 0PSCD CBS 3+0 5+1 19+5 15+7 19+4 10+2 10+5 9+5 14+1 1+0 5745

c	1	٥ŧ	£	3	

								cc	10453						
PEP1CD:	10A[2-97f] ] 1bb[a9pa) ]							1,	ALE 4				106	4 0010	%1CARAGUA SW COAST
			P	E=CL4T	F#E0 P#E0	CI .IA	:01 J Jie	CIION To var	AZ OCC	PEDE . C	E 00 4	0%-0C0 I*1LI1	UPPE%(	1 01	
	4464		•	15	£	5€	\$	\$ •	•	NV	YAR	CALF	P5"	TOTAL ONS	
		PCP NO PCP		•:	.0	.0	:	:	:	٦.	 	.0	:;	•-,	
		101 1 PCP	•	•	•		•1	•	-1	•		.6	• ?		
•	1/2(1	Nº PCP TOT 1	.?	•:	.:	.5	.0	:	:	.:	;. :.	:	.?		
	1<2	PCP NO PCP TOT 2	÷	· <b>:</b>	•:	٠.:	•:	.;	•1	•1	:-		. ¢ : ₹		
	215	PCF 1^1 2	:	·:	.1	.1	.7	.;		-1 -1 -2	:	:	1-4		
	\$410	PCF NO FCF TOT 1		::	.3	:;	1.0 1.7	1.7	1.4 3.0	1.5	.c	::	5.: 6.: 14.*		
	10.	PCP NO PCP TOT 1		4.3 7.0	•.7 •.9		 	1.1 11.1 17.7	1.0 22.0 23.0	6.7 5.0	3. 2.	•1 ••2 ••1	1.7 75.5 87.7		

TOT 055 101 PCT - 512 - 517 - 715 - 515 - 617 - 2214 - 2514 - 612 - 10 - 516 100.0 - 6244

TABLE 6

58 T	5PC #15	•	NE.	ŧ	56	\$	5-	•	**	*15	CILF	PCT	TOTAL
	0-3	•-	.7	٠.	-5	٠.	.:	٠.	.c	.0	.5	-0	•
1/2	4-15	•		•	•	•			•			• 2	
-	11-21	.5		.c	-3	•			.0			-1	
	27.		.5	э.		•		.:	. 0				
	101 2	•	•	•	•	•	••	- 1	•	.c	.0	-2	
	0-3	-0		٠.	•	٠.	٠.		-0	.5	.5	•	
1561	4-10	•	•	•	.0	•	•	•	-0	.0		-:	
	11-21	.5	.5	٠.	• 2	•	•	•	•	٠.		- 1	
	22-	٠.	.0	.c	.0	.0	.:	٦.	•0			-5	
	ict :	•	•	•	•	•	•	-:	•	-C	• ε	-2	
	0-3	.0		.:	•	•	•	•	•		.5	-:	
1<2	- 1	•	-0	•	•	•	• 7	- 1	•	-5		••	
	11-21	•	:	•	•	-1	• •	•	•	-:		- 3	
	27.	٠,	-c	.0	-0			•	•	•¢	_	•	
	161 1	•	•	•	-3	-1	• 3	• *	- 1	.0	.5	••	
	C-3	•	•	.0	.3	.0	•	•	•	٦.	. 1	•2	
245	15	-:	- 1	•	-1	- 1	- 3	- 3	- 1	-6		1.1	
	11-71	•	•	•	•	-2	. •	.5	- 3	.0		1.3	
	22.	.3	-2	•	•	•	•	•	-5	- 0		-1	
	101	•:	-1	-1	-1	- 2	- 1		• • •	٠.	-1	2.7	
	C-3	- 1	•	• 1	-1	- 1	.2	• • •	- 1	.0	.5	1.3	
5(13	4-10	- 3	- 3	• 3		• •	1 - 2	3.3	• 5	• •		(	
	11-51	-2	-2	• 2	- 1	• 7	2,2	2.2	••	٠.		4.0	
	22.	.3	•	٠.:	•	. •	- 1	- 1		٠.	_	- 3	
	101 \$	••	-5	.5	.7	1.7	4.2	٠.١	1.5	-¢	.\$	:4.*	
	0-3		?		5	.4		1.4		٠.	5.5	12.7	
10.	4-17	2.4	3-9	3.5	1.0	:•?	10-1	13.	• • 3	• 5		*5.8	
	11-71	• 9	2.5	1.5		1.6	5.5	7.6	1.9	-5		72.4	
	121 2	. :	7.5		. :	2.5	.2	3		.c	5.5		
	121 1	4.5	3	4.3	٠.٠	2.5	10.5	?2.5	•••	-5	>.>	+1.6	
	CT CPS												4597
	134 10	5.2	7.7	7.4	5.3	4.7	25.5	22.4	8.3	•6	••:	100.3	

CC:08EP

P(#100: (PF(\*42\*) 145\*-167\* (CYEP+466) 1477-1479

TABLE 10

4264 0010 MICARAGUA SE COAST 9.54 46.78

#### PERCENT FREQUETCY OF CEILING HTIGHTS IFEFTINH SHIRL AN

5-CU29E4CE OF AH <5/6 57 HOUR

+644 +641	3										13146	101 mg.		
F7507	:-:		•.5	13.5	:3.4	4.0	2.2	• •	3.	.:	59.4	40.4	1452	
26609	2.3		2.5	1:	16.5	:	2.2	٠,	.2	.5	47.2	52.4	1205	
124;*	; 3	٠.	5.5	15.7	:	1.1	:	.5	- 3	.3	*3.5	55.5	1467	
12621	1.1		3	::	:5.5	٤.5	2.5	•5	.4	-1	42.5	57.5	1454	
101 FCI										10 •3		2272 54.4	1660	

Ispil II

74816 12

		PE SCER.	refout*	C+ 154	. (50)	** **3.3		CH-0L87					1.37 MOUP	
(u=1)	(1/2	1/2(1	162	.15	507	15+	TOTAL C#1						%# (5/# #%0 5+	TOTAL OPS
75203	- 1	.1		2.2	12.5	ž*	10-6	20,03	1.:	5.5	20.3	\$5.5	54.8	1997
SEECS	.2	- 3	1.5	3.;	14.0	72.0	1674	76604	2.4	***	22.6	75.4	50.1	1224
12115	.:		• •	3.1	15.9	76.9	1705	12015	1.3	7.5	22.5	22.7	5+."	2417
1+421	.5	.:	.4	2.3	17.*	45.5	1747	:9671	:-:	5-4	14.7	25.1	\$2.2	:-24
101	;÷	15 -2		1.5	473 14.4		477! 100.F	1c1 *C1	76 2-5		11×6 21×1	1242		3444

...

是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人

:484C 1+

THE STATE OF THE PARTY OF THE P

**医医院 每户经过基础不断的,以下次次,如此是是是是大大小。** 

	PF 25	ENT FF	[CU*#*		(1371¥	:	::· •	. :[->				P(=5	( 1 50	ECUENE	v CF	140 01	*ECT10		(	
16++ 1	2+24	30-3*	40-43	20-56	**-**	73-76	*5-4*	-5-100	TOTAL	1462	5.	NE	ť	SE	5	Sa	•	**	***	CALF
95/44				- :		. 1	_1		22			-1	.0	•	•	•	-:	.1	.0	
45/45	٠.		.7		:.1	3.1		. 3	304	5.5	.:	. 7		- 3		- 4	1.4	.5	.=	-•
35/45	.:				1.1	24.0	20.0	6.3	2454	51.5	3.2	5.4	5-2	2.0	3-6	4.3	13-3	4.5	٥.	3.4
75/79	.0	.3				1.5	15.7	26.7	234#	42.5	1.3	1.3	1.4	2.0	4.1	12-3	13.0	7.0	-0	1.4
75/74	٠.			:		- 1			53	1.0	•	•	-1	- 1	- :	- 3	.3	. 3	-:	.0
45/44	٠.							•	5	-1	٠.	.2	•	•			.5	.:		•
TOTAL					135	:127	2747	1550	5556	1-3.5										
PC1			•	- 1				24			4.6	7.5	7-5	5.3	4.0	22.7	24.4		.0	6-2

149LE 15

TROLE 16

	-[141.		. ,	31316.		z. 11.	ar 151				25.25		PERMIT	34 affi		L	# * **CO	•
₩69¥ 16¥71	-,,	**2	451	451	51	11	-1-	-115	7074.	-650 (6-1)	5-25	10-5+	*0-4*	75-74	40-44	40-175	~{44	TOTAL CBS
50103	*1			4-	٠,	7.	44	45.5	1731	20132		-1	1.7	21-1	54.0	23.5	45	1450
C4457	44	4.	+2	7.	71	7=		74.0	1 * 15	*6655	.c	-:		11-1	50.0	37.4	<b>e</b> 7	1404
12615	94	**	* 7	75	75	7.	41	74.1	1790	12114	.5	-0	. •	13	50.6	34.2	67	1451
14121	9.7	66	8.7	52	27			*1.5	1534	16621		- 3	4.5	25.0	-1.4	15.4	41	1457
101	45	, ,	2.5	3.6	74	7.	25	45.5	7143	101	5		147	1147	2634	1625	15	5767

octofts

PERIOD: (PRIMARY) 1353-1979 10VER-ALLI 1877-1979

TAPL. 17

APE # 0010 NICARAGUA SW COAS

PCT FREE OF AIR TEMPERATURE (3FG f) AND THE OCCURRENCE OF FOG INTIMOUT PRECIPITATION)
AS AIR-SFA TEMPERATURE DIFFERENCE (DEG F)

ATR-SCA	65	69	73	77	81	45	50	>92	101		
THP DIF	64	72	74					742	101		-40
4-7-014	03	12	,,		84	88	45			FOR	FOG
17/19	.3	.0	.0	.0	•0	.0		.c	1		
14/16	.0	.0		.0	.0			•	š	. 5	-1
11/13	.0	.0	.^				. 1	.0	í	ň	::
9/12	.:	•0	7.			- 3		••	20	.0	
7/8	.0	.0	•	.1		::	: 2		54	.0	• 3
•	.6	.0		.;			.1				• 9
è		.0	٠.	::		:;		٥.	39	.0	• 7
					. • 5		- 1	٠.	• 7		1.5
	•0	٠.	•	. *	1.3	. 7	• 1	•€	151	٠¢	2.5
3	٠c	١.		.5	1 - 3	. 7	•	•0	145	• 0	2.5
2	• 0	٠ū	. 1	1.;	3.2		- C	.0	308	. 0	5.2
1	.0	•		1.6	3.5	. 8	.0	.0	364	. 1	6.1
c	•		٠.٠	5.4	6.8	. 4	.0	.5	774	. 1	12.9
-1	•	.0		7.2	5.0	• 1		.6	844	÷	14.2
• 2	•	.0		4.7	5.5	.;			962	••	
+ 3	٠.٥	.0	.,	é.c			, n	ě	694		16-1
- ĉ			1.7	6.5						•	11.6
-5	ě	••	1.4		1.9	• C	•0	٠.5	SAC	•	9.7
				4.7		•	•0	•0	410	• 0	6.9
**	•0	•	:.*	2.6	• 1	•	٠.	.0	242	• 0	4.1
-7/-5	٠.	-0	1.3	1.8	. 3	.0	.0	.c	205	•	3.4
-9/-10	•	•	.4	. 3	•	.0	-0		47	٠.	•8
-11/-13	.0	- 1	. 1	. 1	.0	.0	.0	٠.	13	ò.	
-14/-16	•	.0	.0		.0	• 0			- 3		.;
TOTAL	6		477		2071	•••	3.0	••	,		
•	•	16		32 GF		320	• •	3	5964	11	5953
PCT	. 1	.2	8 . Ç	50.9	34.7	5.4	. 7	.1	100-0		99.8

PERIOD: (0VER-4LL) 1963-1970

TABLE 16

PCT FRED OF WIND SPEED (MIS) AND DIPECTION VERSUS SEA HEIGHTS (FI)

				N								* £			
HGT	1-3	4-10	11-21	22-33	34-47	45.	PCT		1 - 3	4-10	11-21	22-33	34-47	48+	PCT
<1	+5	. 7	•0	.0		•0	1.2		٠.3	. 9		.0		.0	1.2
1-2	.3	1.7	• 2	•0	• 9	•6	242		. 2	1.8	1.1	.0		.0	3.1
3-4	•0	. 4	.2	.0	.0	-0	49		.0	1.1	1.2	ã.		.0	2.3
5-6	•0	•0	• 2	.0	.c	-0	+2		·C	. 3		.5	ò.	.0	*:;
7	.0	•0	• 1	•	.0	•6	• 1		.0	.0	. 1			.0	::
4-9	.0	. 0	.0	.0	. 2	•6	٠٥		.5			.0		-0	:2
10-11	-0	.0	• C	.0	.0	• 0	•0		.0		.c		3.	•0	:5
12	•5	.0	.0	.0	.0	-0	. 0		.5	.0	.0			•0	
13-16	•6	•0	• 0	.0	.0	٠.	+0		ě	.0	.0		.0	•0	.5
17-19	•0	•0	.0	•0	.0	.0	.0			.0	.0		9.	•0	.0
23-22	•0	•0	• 0	٠.	.0	٥.	.5		.c	.0	3.	40		.0	.6
23-25	•0	•0	.0	•0	•0	•6	• 2		.0		iè	ĕ	ì	:6	:0
26-32	• 0	• C	.0	-0	.0	• 0	.0		.0	.č	2.		. 6	.0	.0
33-40	•c	•0	• 0	-0	.0	•5	+0		.0	.0		.0		.0	:0
41-46	.0	•0	•0	.0	•0	• 0	•0					.5		-5	:0
49-60	.0	•C	•0	.0	.0		.5		.0		.0	.0	.6	·ŏ	:0
61-7C	•0	•0	٠.5	•0	.3	٠Ċ	•0		.0		.č			•0	.0
71-86	.0	.0	٦.	.0	.0	•0	.0		č		.č				.č
87+	.0	٠.	.0	.0	.0	•6	•0		·č			 3.	ò	•0	.6
TOT PCT	3.	2.7		•	• 2	.0	4.3			4.2	3.1	•	ě	.0	7.8
HGT <2	1-3	4-10	11-21	22-33 .0	34-47	48+	PC1	1	-3	4-10 •7	11-21	55-22 25	34+47	49+	PCT
1-2	• 2	1.9	.5	.0	•0	+0	2.6		.2	1.2		.0		.5	1.8
3-4	٠.	1.3	1.0	-0	٠.	•0	2.3		.0					•0	*:8
5-6	.0	.0	. 3	•0	.e	•0	+3		.0	•	• 2	•1	ò	:0	:3
7	.0	.0	. 1	•	.5	•0	• 1		.c	.0		`;	.0	.0	• • •
8-9	.0	.0	•0	.0	•0	٠.	٠.٥		.0		•0	•0	.0	.0	.5
10-11	.0	۰۵	٠,	.0	•0	•0	.0		.0	•0	.c		·è	.0	٥٠
12	.0	•0	.0	•0	.0	•0	.0		.0	.0	.0	•6	3.	•0	
13-16	•0	:0	40	.0	• 2	•0	.0		٠.	.0	.c	.0	á.	.0	
17-19	•0	٠.	.0	.0	• • •	•0	.0		.0	.0	.0	.0	.0	.0	.0
20-22	.0	• 5	• 0	•0	• 3	٠.	•0		.0	.0	•0	.0	.c	•0	.ŏ
23-25	•0	•0	•0	•0	• 0	•0	.0		٠.		•0	.0	.0	•0	
26+32	•0	•0	.0	•0	٠.0	•0	.0		·c	.0	.0	.0	. 0	·ŏ	.8
33-40	•0	•0	•¢	-0	.0	•0	•0		.0	• 0	•0	.0	•0	•0	
41-48	.0	•C	•0	-0	.0	•0	.0		.0	.0	.0	.0	3.	-0	.5
49-60	٠.0	•0	.0	•0	• 0	•0	.0		٠.	.0		•0	.0	·č	.5
41-70	•0	•0	ū.	•0	• 0	٠C	•0		.0	.0	7.	.0	•0	•0	.0
71-86	•0	.0	7.	•0	• 9	•C	.3		٠٥	.0	.0	.0	.0	•0	
47. TOT PCT	·C	.0	•0	•0	٠.۵	•0	.0		.0	.0	.c	•0	.č	.5	.ŏ
10. PC1	. 7	3.7	1.0	•	٠.	•0	6.4		.6	2.4	1.0	. 1		.0	4.0

P[R100:	. Aus		104 1-1	c * 6					OCIOSEN				ADFA	CC10	WICARA	GUA SE COA:
PERTUS:	ICTL	-,,,,	1452-1	*,*				TARLE	16 (CONT)					9.		
				PC	T FACE C	OF AIND	SPEED	(KTS)	AND DIREC	1164 Y	EPSUS S	EA HEIG	HTS (F1:	1		
				•								Sh				
451	1-3	4-10	11-21	22-33	34-47	45.	PCT		1-3	4-10	11-21	22-33	34-47	484	PCI	
< 3	. 2	. 7		.0	. 2	.0	. 9		.5	1.3	•	•C	٦.	.0	1.8	
1-2		2.6	.7	.0	. າ	٠.	2.7		.7	4.4	1.5	.c	٠,	.0	10.5	
3-4	٦.	1.1	1.2	.0		٠.	2.4		• 1	3.5	3.2	. 1	•€	.0	6.1	
5=6	.:	. 1	.,	.0	.:	.с	. 9		•c	1.3	3.4	.1	.0	.0	4.8	
7		٠.		.0	.0	3.	. 4		.0	.2	.6	.2	·c	•0	1.0	
4-9	·e	-¢	•€	• 6	• 2	٠.	. 3		٠.	.0	- 1	- 1	٠.	•0	• 2	
9-11	• 5	.¢	٠.	.c	.5	·c	.0		.0	•0	• 1	••	• 0	•0	• 1	
12	.0	·t		.0	.0	.0	.0		•0	•c	- 1	.0		٠.	.1	
3-16	.:	ن.		• (	• • •	-0	.0		.:	.0	.0	.0	.0	.0	•0	
7-15	•0	.0	•0	• 0	• ?	.0	.0		.0	.0	·ŗ	.0	٠,٠	.0	.0	
0-22	.0	٠٠٠	٦.	.0	. 2	•6	. 2		٠.	.0	-0	•0	.ç	.0	•0	
23-25	.0	.0	•c	٠.	• 5	•0	.c		•0	.0	2.	.0	.0	.0	•0	
6-32	-0	•0	.9	•5	• • •	.0	•3		.0	.0	9.	.0	3.	.0	.0	
33-40	.5	٠.	•:	• 2	.3	.0	•¢		.0	.0		.0	.0	.0	.0	
1-45	•€	٠.	• 2	-0	.3	.0	.0		٠c	.0	0.	.č		:6	:0	
9-60	٥.	٠.	.0		•?	٥.	-0		٠ć			.0	.0	.0		
1-70	2.	•0	::	.0	::	.c	2.		0.	.0	÷:	.0		::	:0	
1-66 87+	.0	.c	.0	.0	3:		:6		.6	.0	·:		.c			
1 PC1	.6	4.5	1.1		::	3:	8.2		1.2	14.6	9.0				25.3	
,, ,,,		***	***	••	••	••	***			1410	,	• •	•••	•••		
												NL.				TOTAL
451	1-3	9-10	11-21	22-33	34-47	48+	FCT		1-3	4-10	11-21	22-32	34-47	48*	PCT	PCT
ci		1.7		.0	٠.	.0	2.6		. 3	1.1	- 1	•0	٠.	.0	1.5	
1-2	• :	9.0	2.3	.0		٠.	11.6		.3	2.0	1.0	• 0	٠.	.0	4.0	
3-4	•	4.6	4.1	. 1	.0	·c	5.5		•	1.2	1.0	.с	2.	•0	2.2	
5-6	.0	1.1	4.0	. 1	. 3	.0	5.2		.0	. 3	. 7	•0	٠.	.0	1.0	
7	.0	•2	• 5	. 1	• •	•c	1.1		•0	.0	.1	•	• • •	٠.	.1	
6-9	* C	. 1	• 3	- 1		•0	. 5		.0	:	•1	.0	• • •	.0	-1	
2-11	.0	.с	•6	•0	•:	٠,	.5		•0	٠.	-c	• દ્		-0	•0	
12	٠.	•0	:	2.	.3	.0	:		.0	٥.		.0	2.	.0	.0	
3-16	.0	.0	•2	٠.0	• :	.0	• 0			•¢		.0	.5	.0	.0	
7-15	.5	٠.	:2	.0	• 2	.:	.:		o. o.	.0	3.	.ŏ	.0	.0	.0	
3-22	•6	•0		-0	.0	.0	٠.		.0	.0				.0	.0	
3+25	٠.	• • •	.;	.0	:3	.0	.0		.0	.0		.0	.0	.0		
26-32 33-40	.0	3. 1.		9.	.3	.0	:5		_	.5			.c	.0	:0	
13-45	.5		.2	.0	.3		.0				.0	::		.0		
7-4E	•6			.0	::		.5			.0	.0	.5		.0		
1-70	.c	٠٤	::	.č	:,		.0		::	.5	.č	.0			.0	
71-86	.0	.0		.0		.5	.0		.0		.0	9.		.0	.0	
		.0	3.	.0	.3	:5	.0			.5	.6	.0	.0	.5		
£7.		• 2	11.7	• •		.č	29.9			5.5	2.9	•••	.0	.0	6.9	94.8

	FIND	SPEED	(112)	A2 26 T	HEIGHT	(F3)		
HGI	0-3	4-10	11-21	22-33	34-47	+8+	PCT	101 085
<1	9.6	7.7	.2	.0	.0	+0	17.5	***
1-2	3.2	27.1	7.5	.0	.0	.0	39.E	
3-4		12.3	12.0			.c	25.7	
5-6	.0	3-1	9.7	- 2	.0	٠.	13.C	
,	.0	. 3	2.1				2.8	
8-9		.2		• 2			. 9	
10-11	.c	.5		.0			.1	
12	.0						. i	
13-14	.0	.0					.0	
17-16	ě							
20-22	.0							
		•0						
23-24	•=	• 2	•0				٥.	
26-32	.0	•0	.0	.0			.0	
33-4C	.c	•0		.3	•0	-0	.0	
41-44	.0	•0	.0	.0	.0	.0	.0	
49-4"	-0	.0			-0	.0	.0	
61-70	٠.6	- 5					.c	
71-86	.0	.0	.0				.0	
57.	.5		.0				.0	
21.	•••	••	•••	•	••	•••	• • •	1702
TOT PCT	13.5	53.7	32.3	1.0	. 5	.0	100.0	

PERIO	D: (C)	(	. 194	9-1979	•				14616	10											
					PERCEN	I FPEC	LENCY	OF WAS	VE HE1	CHT EF	71 VS	WAVE P	10113	(SECON	051						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	12-16	17-16	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	HEA
(6	3.5	13.7	12.0	6.0	3.0		. 3	. 2						3.	.0	.0	.0	• C	.0	2395	
6-7		2.0	8.5	3.4	9.2	1.5			i	.0					.0	.0	.0		.0	1314	
2-9	• • • • • • • • • • • • • • • • • • • •	7	2.7	3.5	1.5		- 11								.0		.0		.0	505	
10-11	٠.		1.0	1.0		. 2					.0				.0		.0	.0	.0	163	
12-13	.0	.0			. 2		•			.0					.0	.0	.0	.0	-0	57	9
313			.0		. 2		.0	- 0							.0		.0	.0	.0	47	4
INDET	4.2	1.1	2.1	1.2	3.												.0	.0	.0	477	
TOTAL	346	657	1645	1226	515	203	52	26	12	- 1			, c	0	0			0	0	4958	
PCT	7.6	17.9	33.2	24.7	10.4	4.1	1.0	.5	.2	.i	:				.0	.0	.õ	•0	•0	100.0	

MOVEPBER

PERIOD: (PRIMARY) 1954-1979 (OVER-ALL) 1869-1979 AREA CO10 MICARAGUA SW COAST 9.5N 86.7W TABLE 1

RAIN

PEPCENT FREQUENCY OF MEATHER OCCURRENCE BY MIND DIRECTION

FOG WO SHOKE SPRAY POPEN HAZE BUEG SHOW OF THE SHOW SHOW OF THE SH 1.0 .7 2.2 4.0 7.5 4.9 4.3 1.3 .0 . . . . . . . . . . . . . .1 .0 .0 .0 .1 .0 .0 3.1 2.4 4.8 12.6 12.7 10.4 7.8 3.9 1.0 2.8 3.6 7.2 5.4 6.0 3.0 2.1 1.2 .9 2.9 1.2 1.7 3.4 .0 2.7 1.2 1.6 3.8 2.8 3.1 2.2 1.6 .6 .7 .9 5.7 2.4 2.5 1.4 .0 NE E SE SW Who VAR CALM

TABLE 2

PERCENT FPEQUENCY OF MEATHER OCCUPRENCE BY HOUR

PRECIPITATION TYPE OTHER WEATHER PHENOMENA FOG FOG NO SMOKE SPRAY NO NO PCPN HAZE BLNG DUST SIG HAIL PERN AT OR TIPE PCPN PAST HOUR ther Ling .0 .2 .0 1.7 COE03 06E09 12E15 16E21 2.5 2.6 3.5 2.4 .0.00 .0 .1 .1 5.4 5.9 7.0 5.7 2.9 3.2 5.3 3.6 .0 .0 .0 .0 1.4 101 PC1 2.8 101 0851 6276 5.9 1.5 1.3 ...

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

44. TOTAL PCT PEAN OBS FREQ SPO 6.7 3.3 9.2 8.5 6.2 3.7 2.8 .7 4.2 .9 8.8 3.6 11.5 4.7 5.3 1.3 .2 .0 3689 1817 53.7 26.5 9.5 10.6 7.2 18.0 20.1 13.7 11.6 7.5 10.9 3.6 6.1 5.7 7.9 9.6 6.3 18.1 10.8 18.0 19.1 15.6 21.2 5.0 6.9 8.1 .0 .0 .0 e.8 12.5 12.1 1818 148 156 100.0 100.0 100.0 14.7 21.0 9.2 3.5 6.6 4.6 13.1 8.6 17.5 136 11.1 20.0 11.4 4.1 6.2 13.2 18.2 7.6 .0 4.3 9.4 11.3 9.7 7.1 7.5 8.7 8.8 8.0 .......... 12.5 26.7 12.4 3.6 5.9 11.6 14.7 6.6 1716 100.0 N NE E SE SH W WAR CALM TOT OB! 1.3 1.3 1.2 .7 1.0 1.3 1.8 .9 .0 8.3 1226 17.9 .2 13.0 20.2 10.9 3.4 12.2 19.6 9.1 .C 4.4 1541 19.9 23.3 6.8 5.2 4.4 13.1 10.4 10.3 .0 5.1 178 100.0

TABLE 3A

#1NO SPEED (NNOTS) 7-16 17-27 28-40 414 HOUR 06 39 18 21 11.1 2C.0 11.4 4.1 6.2 13.2 18.2 7.6 .0 5-6 18-2 11-2 3-8 6-1 15-6 18-8 6-0 6-8 1558 100-0 7.8 14.3 10.8 5.5 6.5 13.6 21.1 8.1 .0 12.2 1700 13.8 20.5 10.6 3.6 4.9 12.3 18.8 9.3 .0 6.2 1719 9.4 11.3 0.7 7.1 7.5 8.7 6.8 8.0 .0 12.8 26.2 12.8 3.6 5.6 11.5 14.4 6.8 .0 6.3 0000000000000 3.8 4.7 4.0 2.3 3.2 4.9 6.5 3.1 .0 8.3 2800 40.4 1.2 NE E SE SU W NU VAR CALM TOT OB: 11.8 6.1 1.7 2.7 7.7 10.7 4.3 .0 .1 .0 .1 .0 .0 .0 .0 .0 .0

HCALMBER

	1001	
PERIOD: (PPIMARY) 1954-1976 10464-1611 1864-1919	2 2JBAT	AREA COID MICARAGUA SH COAST 9.5M 86.7W
	PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR ICHTI	
	SIND SPEED (KNOTS) PCT	TOTAL

				<b>\$140</b>	SPEED (	KNOTSI			PCT	TOTAL
HOUR	CYFA	1-3	4-1C	11-21	55-33	30-07		~C # P	FRFQ	085
10300	6.5	13.3	57.4	22.3	1.0	•1	.0	7.8	10.0	155*
04609	12.2	5.7	56.2	21.2	1.7	•0	.0	7.8	100.0	1700
12615	6.2	9.0	53.C	29.1	2.0	•0	.0	8.9	100.0	1719
17571	t, . 3	9.7	49.Z	32.2	2.6	- 1	٠.0	9.3	100.0	1865
101	569	657	2649	18:7	150	3	0	8.5		6465
PCT	4.3	9.6	53.7	26.5	1.9	•	.0		100-0	

	ITATE <											14	BLE 6					
P	CI FEE			CLOUD A		(E1GH1H5)		1					CEILIN PH <5/					
WHO DIR	0-5	2-4	5-7	8 £	TOTAL OBS	COVER	149	150 299	300 594	600 999	1000	2000 3499	3500 4999	5000 ••••	6500 7999	*000*	NH <5/8 ANY HGT	
<b>N</b> _	3.6	2.4	2. 9			3.9	.1	• 1	.1	.6		.2	.1	•	.0	•	8.0	
ŅΕ	7.8	4.5	5.3	7.1		3.6	•	-1	• 1		1.3	5	- 3	•1	- 1	•	16.4	
€.	٠.١	2.5	3.4	1.0		••1	•1	•6	- 1	• •	• •		- 3	-1	•	•	9.2	
sc	• ?	. 3	1.6			5.0	- 1	• • •	• 1	٠, ٩	• •	• 1	-1	•	•	•0	2.5	
S	.7	1.2	2.2	1.9		5.6	•1	• ?	. 1	1.1	1.0	•2	- 1	•	•	•	3.3	
S¥	1.3	2.5	5.5	*.1		5.4	.3	. 1	. 6	2.0	2.3	٠,	+2	•	•1	•0	7.2	
-	3.1	4.7	7.5	4.4		5.2	. 1	. 1	.5	2.5	3.0	1.2	- 3	• 1	•	- 1	11.1	
NE	2.1	1.8	2.7	1.1		4.4	•	•	- 1	• •	. 8	. 3	• 2	•	.0	- 1	5.6	
PAR		• 2	• 7	.0		٠.	.:	.0	.0	9.	9.	.0	.c	.0	.0	.0	.0	
CALM	7.0	2.0	2.3			3.7		•	.1	.7	.7	. 3	- 1	.0	•0	.0	6.4	
TOT OBS	1345	1107	1694	634	5080	4.5	36	16	97	491	576	206	41	20	13	13	3531	5080
TOT PCT	26.5	21.5	33.3	12.6	100.0		.7	. 3	1.9	9.7	11.3	4.1	1.6	. 4	.3	.3	67.5	100.0

TARLE 7

CUPULITIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE
OF CEILING MEIGHT (NH >0/A) AND YSBY (NH)

						VS84 (4)	,			
	CI	EILING	= CR	= 0R	= OR	2 OR	I OR	= CR	= 68	2 OR
	(1	FEET)	>10	>5	>2	>1	>1/2	>2/4	>5CYD	>0
:	CR	>6500	.5	.5	· t	•6	.6	.6	.6	.6
:	0.8	>5000	•9	.9	1.0	1.0	1.0	1.0	1.0	1.0
:	CR	>3500	2.1	2.4	2.5	2.6	2.6	2.6	2.6	2.6
:	OR	>2500	5.4	6.2	6.5	6.6	6.6	6.6	4.6	6.6
:	CR	>1000	14.6	17.2	17.6	17.9	17.9	17.9	17.9	17.9
:	OP	>660	21.6	26.3	27.1	27.4	27.4	27.5	27.5	27.5
:	C.R	>100	22.4	28.0	29.0	29.2	29.3	29.3	29.3	29.3
:	OR	2150	22.9	28.4	29.3	29.6	29.6	29.7	29.7	29.7
:	OR	> 0	23.2	28.8	29.9	30.2	30.2	30.3	30.4	30.4
		TOTAL	1236	1449	1553	1570	1572	1577	1579	1579

TOTAL NUMBER OF CRS: 5198 PCT FREC +H <5/8: 69.6

TABLE 74

PERCENTAGE FREG OF LOW CLOUDS LEIGHTHS

0 1 2 3 4 5 6 7 A 085CO 085

----

TOT CBS 10.8 19.9 11.7 4.0 4.2 13.3 18.7 7.5

TABLE 9

								ECTION			te		
VSBY (hr)	5PD #15	۳	×c	ε	SE	\$	S¥	¥	46	YAR	CALM	PCI	TOTAL
	0-3	.0	.0	.0	.0	-0	.0	.0	.0	.0		.0	
(1/2	9-10					•			•	.0		.1	
	11-21			.0	.0	•			-0	.5		.1	
	22+	.c	-0	.c	•0	.c			.0	.0		٥.	
	TOT &	.0	•	•	.0	•	•	.;		.ŏ	.0	.2	
	0-3	.0	.0	.0	.0	.0	.0	•0	•0	•0	٠.	.c	
1/2<1	4-10	.5	40	.c	.0	•		• C	.0	•0		•	
	11-21				.0	.0	.0		.0	•0		•	
	22-	.3	-0	.0	.0	.0	.0	٠.	.0	.0		.0	
	101 2	.0	•	.0	.0	•	•		.0	•0	.0	-1	
	C-3	•0	.0	.0	•	.0	.0		٠.	.0	•	•	
1<2	4-10	•	•	٠.	.0	•	.1	•	•	•0		•2	
	11-21	•	•	•	٠.	•	•	•	•	.0		-1	
	22+	.0	.0	.0	٠.	•	. 1	•	٠.	4 D		-1	
	101 \$	•	•	•	•	• 1	. 1	-1	•	-0	•	. *	
	D-3	•	•	•	•	•	•	•	•	.0	-1	. 2	
245	4-10	- 1	•	-1	•	+1	-2	•2	•	٠.0		. 6	
	11-21	•	- 1	- 1	•	•	- 1	.2	-1	+0		٠.5	
	25+	•0	.0		•0	•	•	3.	•0	.c		.1	
	101 2	- 1	- 1	• 2	•	•2	.3	•5	- 1	-0	-1	1.7	
	0-3	•	•	•	•	.1	.2	•2	•	.0		1.0	
5<10	4-10	.5	.6	• •	• 3	.6	1.0	1.3	. •	.0		5.0	
	11-21	-2	. 3	- 3	-1	• 2	. 9	. •	•2	.0		3.1	
	Z2+	•0	-1	-1	•	•	•	•0	.0	.0		• 2	
	101 2	.7	1.0	- 8	••	.,	2.1	5.3	. 7	•0	••	•.•	
	0-3	1.2	1.2	1.1			1.0	1.5		.0	7.6	15.8	
16.	4-10	5.6	3.4	5-4	2.4	3.4	7.3	10.1	4.9	.0		47.9	
	11-51	1.0	.1	3.5	.5	.7	2.4	3.7	1.1	-0		53.0	
	22+	•2	. 9	-3	•0	•	•	- 1	•	•0		1.6	
	101 2	10.0	18.7	10.6	3.6	4.9	10.7	15.4	6.0	•0	7.6	88.3	
	CT CRS												6394
1	OT PCT	10.9	20.0	11.0	4.1	6.1	13.2	18.4	7.6	• 0	8.1	100-0	

٠.	^	¥	•	-	•	•	

PERIOD: (PPIMARY) 1954-1979 (CVER-ALL) 1864-1979

TABLE 10

APEA 0010 RECARAGUA SW CORST 9.5N 86.7M

ERCENT	FREGUENCY				24/61	AND
	AFFILE	356 W	 	 HOUSE		

40UR (G*1)	305 149	150 299	300		1000						1014L	NH <5/4 ANY HAT	
00602	.>	.5	1.5	2.7	12.0	4.6	2.0		•2	•2	30.9	69.1	1293
^ ,609	1.1	.2	1.2	9.7	11.7	3.3	1.3	.7	•2	.5	30.0	70.0	1277
12615	.4	.3	2.8	11.3	9.4	4.1	1.4	•1	•2	.3	30.8	64.2	1415
12421		.2	1.7	7.5	10.5	3.4	1.4	.4	.3	-1	26.2	73.4	1402
ici	37				599					14			5387

136LE 11"

TABLE 32

		<b>PE</b> PCE 5-7	FAEQUE	4CY 4581	r (6P)	44 HOU!	,	CUPULAT					4587 (44) 11.87 HOLR	
HÇUR (GPT)	<1/7	1/2<1	142	2<5	5<10	10+	TOTAL 295	H2U# {\$MI}	(150 (50YD	<600 <1	<1000 (5	1000+ ANP5+	NH <5/8 AND 5+	TOTAL OBS
00663	•1	-1	•5	1.*	9.0	**.*	1508	10300	.5	2.7	13.0	19.3	67.7	1249
06609	• 1		•3	1.7	12.3	87.6	1639	06609	1.1	2.7	13.5	14.1	44.4	1222
12115	-1	-1		1.9	15.4	87.1	1679	12815		3.6	14.1	15.0	48.1	1375
16531	.5	.1	.4	1.0	7.7	90.3	1733	14621		3.0	11.5	15.7	72.6	1352
101 PC1	11			107	613	5797	4559 100.0	101 PC1	37	157		894 17-2	3401	5178 100.

TAPLE 13

TABLE 14

	PERC	ENT FP	EQUERC	7 OF 2	ELATIN	E HU71	0114 P	7 TEMP	TOTAL	PCT		PER	ENT FR	EQUENC	Y OF 1	1140 DI	RECTIO	4 ST T	EMP	
TERP F	0-29	30-3*	40-49	50-50	60-64	70-74	*0-49	95-100		FREG		48	ε	SE	\$	Sw		Nu	WAR	-CALM
75/99	.0	.0	.2			.0	.0	.0	2	•	.0	•	•	.0	.0	-0	.0	.0	.0	
90/54	9.	.0	-0	-1	. 3	.0	.0	•	22		-1	- 1	-1	•	.0	•	•	.0	.0	-1
85/89	.0	.0	. 2	.2	1.1	2.4	. 5	.2	241	4.5	.6	1.2	. 8	-1	+2	.2		.5	.0	. 3
80/89	.0	.5	.0				26.4	5.5	2867	53.4		12.6	* . 3	2.1	2.9	5.6	8.2	3.9	.0	4.7
75/79	.0		-0		. 3	3.7	10.5	16.0	2140	40.6	3.1	5.4	3.5	1.7	2.9	7.3	1.1	3.1	.0	2.9
70/74			- 2	•0	.0		.2	. 6	55	1.0	•	.2	-1	. 1	-2	.2	•2	-1	.0	
TOTAL	Č	'n		30		1366	2446	. 1326	3147	100.0					-	-				
PCT	٠.	·ć	.0					24.7		.,,,,,	10.4	19.6	11.7	4.2	4.Z	13.3	18.7	7.5	.0	8.0

TAPLE 15

TABLE 14

	PEARS,	Exthem	FS AND	FERCE	TILES	OF TE	MP EDE	5 F) 5	T MOUR		P[ 00	ENT FRE	OUENCY	OF RELA	A BAIT	U4101TY	87 HOUR	t
HOUR	-41	***	458	SC#	51	11	414	PCAN	TOTAL	HOUR	0-29	30-53	40-69	70-70	60-89	90-100	MEAN	TOTAL
(GRT)			-						Ces	(541)		_						280
COLCS	93	#6	64	ac.	77	7.	71	87.1	1596	00103	.0	.5	2.5	26.3	50.3	20.5	83	1315
06600	46		82	76	74	74	70	76.2	1746	90340	.0	.0	1.4	17.8	48.3	32.4	44	1340
12615	4.	5.	82	79	76	7.	5.6	79.1	1749	12615	.0	-2	2.7	15.0	47.5	33.8	4.	1433
18121	95	90	87	8.7	77	75	70	41.9	1996	18621	.c	1.4	11.7	37.8	37.3	11.6	79	1340
101	45	4.6	85	80	74	73	4.8	80.1	4990	tor	D	31	255	1392	2526	1342		5516

-ñ\_

MOVE MBER

PERIOD: (PPIMARY) 1959-1979 10VER-JLL) 1969-1979

TABLE 17

AREA COLD MICARAGUA SW COAST

	ATR-SEA	45	69	7 :	77	81	85		>92	101		H0	
	THP DIF	6.6	72	76	80	84	**	42			FCF	FOG	
	17/19	.0	.0		.0	.0	•0	•	.0	1	.c	•	
	14/16	-0	.0	• 0	٠.	•	-0	. 1	•	6	.0	- 1	
	11/13	.0	.0	• 0	.0	•	-1	•	•	10	.0	•2	
	9/13	.0	.0	9.0	- 1	-1	42	- 1	•	32	.0	. 6	
	7/8	.0	.0	.0	•2	.5	. 4	.2	.0	73	٦.	1.3	
	•	.0	.0	. 2	. 1	.5	.3	. 1	.c	53	٠.	. 9	
	Š	.0	.0	-1	•2	. •	. 8	• 0	.0	112	.0	2.0	
	i	•0	٠.	.1	.?	1.7	. 9	3.	.0	189	•	3.3	
	3	.0		.1	. 6	Z-0	.6	•	.0	147	. 3	3.3	
	ž	.0	•	•1	2.1	4.2	. 6	.0	-2	399	- 1	6.9	
	i	.0	.0	. 2	3.9	4.6	. 3	•	· D	513	.0	9.0	
	ō	.0	.0	.3	4.4	7.0	-1	.0	.0	910	•	15.9	
	-1	.0	.0		4.4	5.2	.2	. 0	.0	443	•	14.8	
	-3	.0	•0	.,	10.7	4.3	•	.0	.0	417	•	15.7	

#ERIOD: (OVER-ALL) 1963-1979

TAPLE 18

							41142	INTS) AND DIRE		FPSUS S	FA MFIG	HTS (FT)		
							,,,,,,,							
				4							NE			
HGT	1-3	4-10	11-21	22-33	34-47	46+	PCT	1-3	9-10	11-21	22-33	34-47	43+	PCT
(1		.,			.0	`.c	1.4		1.5	• 2	.0	.0	.0	1.9
1-2	.1	4.0		•0	.0	.0	5.0	.3	4.7	1.7	.0	.0	-0	6.8
3-0		1.5	1.1		• 0		2.7	.1	2.4	2.0	.1		.0	5.6
5-6	ä	•2	.,	3.		.0	1.1	•0	6	2.1	.3	•0	•0	3.0
7,0	.0	• 1	• 2		.0	.0		• 5	-1	.7		.0	.0	1.2
8-9	.0	ċ	.0	.0	**		•	•0	•0	-2	.1	•	.0	- 3
10-11	Ĭ.č		.č		.0		•0	•0	.0	•€	•1	٠.	.0	•1
12	.0	.D	•€	.0	-0	.0	.0	•0	.0	.0	+0	•0	.0	40
13-16	.0		-è	.0		.0	-0	•0	.0	- 1	•	•0	.0	• 1
17-19	••	40	-0	.0	•0	.0	•0	•C	.0	.0	.0	.0	.0	
20-22	.0	-0			.0	.0	.5	.0	.0	.0	.5	-1	.0	-1
23-25	ä	- 0	-0		.0	.5	.0	•0	.c	.0	.0	•0	.0	-0
26-32	.0	+0	·c	.0	-0	.0	. 3	.0	.0	.0	.0	.5	.0	-0
33-40	.0	-0	3.	2.	. 0	.0	-0	٥٠	-0	.0	.0	3.	.0	-0
41-48	.0	-0	•0	.0	.0	.0	.0	48	.0	.0	.0	.0	.0	-0
49-60			•0	.0		.0	.0	.0	.0	.0	-0	.0	.0	-0
61-70	.0	.0	•0	.0	• 5	.0	.0	•0	.0	-0	.0	•0	.0	.0
71-66	.0		•0	.0	.5	-0	.0	•0	.0	.0	.0	-0	.0	.0
87+	.0	•0	.0	.0	.3	-0	.0	.0		-0	.0	.0	.0	.0
TOT PCT	.7	4.7	3.2	• 1	• 1	.0	10.4		4.4	7.9	1.1	-1	.0	17.1
				€							SE			
HET	1-3	4-10	11-21	22-33	34-47	48+	<b>≯</b> CT	1-3	4-13	11-21	22-33	39-47	***	PCT
<1	•2		.0	-0	. 2	-0	.•		.4	-0	.0	*0	.0	
1-2	-2	3.1	1.1	-0	-0	•0	•.•	•	1.6	-1	.0	•0	.0	1.9
3-4	-1	1.4	1.1	-1		-0	3.0	-1	- 4	.•	.0	-0	.0	
5-4	•0	.5	• •	•	.0	-0	1.2	•0	+2	-1	.0	•0	.0	. 3
7	.0	-2		- 1	.5	.0	.7	.0	•0	• 1	٠.	.0	.0	-1
4-9	.0	.0	-1	-0	.0	.0	-1	.0	.0	•	•0	.0	.0	•
10-11	•0	.0	.0	-1	•0	.0	-1	.0	+0	•0	•0	•0	.0	•0
12	.0	.0	.c	•0	-5	٠.	.0	.0	•0	-0	.0	• 13	.0	.0
13-16	-0	.5	.0	•	•0	٠0	•	•0	.0	•0	-0	•0	•0	.0
17-19	-0	.u	.0	•0	-0	٠.	.0	.0	-0	-0	•0	•0	.0	٠0
20-22	.0	-0	.0	•0	٠.	.c	.0	.0	-0	•0	.0	•c	*0	•0
23-25	.8	.0	.0	•1	• 0	.0	-1	-0	.0	•0	.0	•6	.0	.0
26-32	•0	-¢	.0	-0	•0	.0	.0	•9	-0	•0	•0	.0	-0	.0
33-40	•0	-0	.0	٠0	-0	٠.	•û	•0	-8	-6	•0	.0	.0	•0
41-48	•0	.0	-6	•0	•0	٠.	٠,	•0	.0	-0	•c	.0	.0	•0
49-60	.0	•0	.0	•0	.5	.0	.:	•0	.0	.0	•0	•0	•0	.0
61-70	.0	.0	·D	٠,0	•0	•0	.0	.0	.3	•0	•0	•0	•0	.0
71-66	•0	•0	•0	•0	-0	٠.	•0	.0	-0	-0	-0	•0	•0	.0
87+	•0	.0		.0	• 0	٠.	9.	•0	.0	٠c	•0	•0	.0	.0
TOT PCT	•5	6.2	3.4	. •	-0	•0	10.5	.5	2.8	.7	•0	•0	.0	3.9

WIND SPEED (MIS) VS SEA HEIGHT (FI)

MGT	0-3	4-10	11-21	22-33	34-47	***	PCT	101
. (1	16.4	9.8	.7	.0	.5	٠.	20.9	085
1-2	3.1	29.9	4.C	•0	٠.	.0	38.9	
3-4	-7	13.9	13.4	•2	.c	.0	25.2	
5-6	-1	3.0	6.3	+5	-1	.0	10.0	
7	-0	.7	2.1	.7	.c	.0	3.6	
6-7	.0	.0	.5	.2	- 3	.0	.7	
10-11	.0	.0	.0	• 2	.0	.0	-2	
12	-0	.0	- 1	.5	-0	.0	- 1	
13-10	-0	.0	• 1	- 1	.0		- 2	
17-19	-0	.0	.0	.0	-0	.0	.0	
20-22	-0	.0	.0	+C	- 1	.0	. 1	
23-25	.0	-0	.0	- 1	.0	.0	.1	
26-32	-0	.0	.0	.0	.0	.0	.0	
33-40	-0	.0	.0	40	-0	.c	.0	
41-4A	-0		• C	.0	٠.	.0	.0	
49-66	- 0	.0	.0	-5	-c	.0	.0	
61-70	•5	.c	.:	+0	-0	.c	.0	
71-66	.0	.0	.0	-0	-0	.c	.0	
67+	.0	. 5		.0		.0	.0.	
							-	1457
101 841			24.1				100.0	

P[0100: (0v[P-1L]) 1949-1070 TABLE 16

#EAR HGT 3 4 5 5 4 7 2 2517 1074 409 132 78 47 537 4814 100-0 15.4 2.8 .7 .0 .0 .0 1.4 1043 21.7 000000000 3.4 19.1 8.1 2.9 1.1 .9 .0 2.2 1626 33.6 0000000000 000000000 8.6 7.2 2.7 .7 .4 1.3 1239 21.6 .9 .7 .6 .1 .2 .1 .2 129 2.7 .1 .1 .1 .1 .1 .1 .0 .0 .0 .12 .2 ......... 000000000 2.7 3.1 1.8 .2 .2 .5 .5 .1 .1 .0 .0 .0 .2 .5 000000000 . . . . . . . . . . . .0.0.0.2 ...........

CECEPBER

PERICD: (PRIMAPY) 1952-1979 (OVEP-ALL) 1873-1979

TABLE 1

APER COLO NICAPAGUA SE COAST

PERCENT FREQUENCY OF MEATHER OCCURRENCE BY AIND DIRECTION

				RECIPI	TATIO	N 117E					01+69	#E#1HE#	PHEND	MENA	
FHG DIS	PAIN	SHP8	DAZL	FR7G PCF4	540.	OTHER FRZN PCPN	HAIL	PCPA AT OR TIPE	PCPH PAST HOUR	THOR LTAG	FOG LO PCPL	FOG WC PCPN PAST HP	MALE	SPRAY BLUG DUST PLUG SHOW	
	.2	•1	٠.	.0		.c	.0	.3	. e	-1	.6	.0	•2	.0	97.9
NΕ	.3		• 2	.0	.0	.0	.0	. 7		.5	.4	-0	.7	.0	*7.2
ř			.3	.0		.0	.0	:.0			. 3	.0	. 8	.1	96.5
š£		1.4	1.5		.0	.0	.0	3.5	1.5	.2	2.2	.0	.0	.0	92.6
\$	1.7	1.7			.0			4.3	2.5	1.1	.5	.0	.0	.0	41.6
Š¥	2.4	2.0	.5				.0	4.6	2.6		.0	.0	.5	.5	91.3
		1.1						1.7	2.6	1.3		.0	.0	. 1	43.7
ī.	.3	.,,	::		.5		.0	1.2		4	. 3	.0	.2	•1	97.0
YAR			.c					3.	.0	.0		.0	.0	.0	.ċ
CALM			.2	.0		٥.	.0		1.5		•2	.0	. 6	.0	45.8
TOT PC1	15	.6	.3	.0	.:	.0	.0	1.5	1.2	.6	.5	.0	.5	-1	95.8
TOT 065:	54.4	•-													

TABLE 2

PERCENT FREQUENCY OF MEATHER OCCUPRENCE BY HOUR

			2	AECIPS	TATIC	TIPE					01HE	PETTHER	PHEND	HENS	
HOUP - (GMT)	PAIN	PAIL SHUR	0#7L	FZZG PCP4	SNOL	CIHER FRZH PCPN	MAIL	PCPA AT OB TIME	PCPM PAST HOLP	1402 146	FOG bo PCPN	FOS WO PCPN PAST HP	SPCKE HAZE	SPRAY RENG DUST BLNG SHOW	
COCO3 C6CG9 12C15 18C21	1.0	.5 .3 1.2	.3	.0 .0	.0	.0 .0	.0 .0 .0	1.0 1.1 2.4 1.1	2-6 2-0 -7	.5 1.6 .6	.3 .7 .6	.0 .0	.4 .4 .5	•2 •1	97.3 94.5 94.0 96.8
101 PCT 101 085:	.5 6076	•6	.3	.0	.0	.0	•c	1.4	1.2	•7	• •	•	.5	-1	75.5

TABLE 3

PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		WIN	r SPE	ED IRNO	15)								HOUR	(GMT)			
W40 010	9-7	9-10	11-21	22-33	34-47	48.	TOTAL	FCT	PEAN	55	03	0.6	20	17	15	18	21
			••				085	FREC	SPD								
•	2.c	7.6	4.2	-5	•	.0		14-2	9.6	12.3	11.7					15.5	
<b>%£</b>	1.6	11.0	14.3	2.6	•	-0		30.2	12.7	26.5	26.3	24.0	24.6	32.3	33.2	37.4	
£	1.4	5.7	5.3	. 9	.1	.0		12.4	11.4	13.1	16.9	13.7	11-1	12.0	10.8	12.4	7.2
ŠE		1.7	.3	- 1	.0	.0		2.8	6.4	3.5	5.0	3.2	6.0	1.5	1.4	2.6	3-1
5		1.4		•	.0	.0		3.2	6.2	5.2	5.8	3.3	2.7	2.0	3.4	2.4	2.4
Š'n	1.1	5.1	. •	•	-0	.0		7.2	6.1	9.2	7.5	1.3	4.8	7.1	3.1	5.2	7.9
	2.1	9.4	1.7	•	.0	.0		13.4	7.1	14.5	12.1	15.7	11.6	13.0	15.4	11.4	12.1
Na	1.1	5.2	1.2	•				7.5	7.4	6.4	3.1	8.0	6.2	7.4	8.2	7.6	10.3
VAR	- 0	.0	•0			.0			-0	.0	.0	-0	.0	٦.	.0		.0
CALM	8.7			•••	• • •	•••		4.7	2.	9.7	11.7	14.2	4.2	4.1	8.2	5.5	4.7
TOT ORS	1312	3221	1886	280	7	•	4704	•••	9.1	1915			146	1484	183	1706	145
TOT PET		44.0			. i		. , , ,	100.0	• • •			100.0					

TAPLE 34

		-IND	SPEED	ERNOTS						HOU		
PAD DIS	6-6	7-16	17-27	28-40	41.	TOTAL	PCT	"EAN	50	200	12	10
- •						0.5	FRED	SPD	03	57	15	21
w	5.2	7-1	1.7	.1	.3		14.2	4.6	17.2	11.0	17.2	16.0
NE	5.9	16.2	7.4	.7	.0		30.2	12.7	24.5	24.5	32.4	36.5
E	3.7	4.3	2.6	•2	•		12.8	11.6	13.4	13.4	12.6	12.0
ŠC	1.9		.1	-0	.6		2.8	4.6	3.6	3.4	1.5	2.7
Š	2.1	0	•	•	. Ė		3.2	6.2	5.2	3.2	2.2	2.4
Sa	4.1	3.C	- 1	.0	.0		7-2	5.9	4.1	8.0	6.7	5.4
¥	4.1	6.2	• 3	.0	-0		13.4	7-1	14.3	14.9	13.3	11.5
44	3.7	3.4	.2	.c	.č		7.5	7-4	6.2	7.8	7.9	7.6
YAR	.0	• 0	•0	.0	.6		.0	.0	.0	-0	-0	-0
CALM	4.7						0.7	.0	9.0	13.7	6.3	5.8
101 005	2833	2165	240	67	1	6756		*.1	1525	1453	1667	1851
101 PC1	+2.2	44.2	12.5		•		100.0	. •	100.0	100.0	100.0	100.0

2				

PERIOD: (PFIMARY) 1957-1979 10VER-3661 1873-1979 APER CO10 MICARAGUA SW CORST TARLE & 9.5N 86.7N

PERCENTAGE FREQUENCY OF MIND SPEED BY HOUR EGHTS

				1 1 ND	SPEED (	K6015)			PCI	TOTAL
40C4	CALM	1-3	4-10	11-21	72-33	30-07	***	4614	FREC	065
09203	9.4	13.0	52.0	22.7	2.0	-1	.0	7.4	100.0	1535
06104	13.7	9.7	40.6	24.3	3.0	.5	.0	4.2	100.0	1453
17615	4.3	9.1	48.3	32.4	4.9	- 1	.0	9.4	100.0	1667
14621	5.A	11.7	43.2	33.1	5.C	• 2	.0	10.1	100.0	1451
:01	593	729	3221	1484	260	7	•			6706
PC1	5 - 7	10.9	4*.0	20.1	4.2	. 1	.0		100.0	

TABLE F

TABLE &

				DIST		E IGHTPS 1							CEILIN WH 45/					
						MEAN												
MAD DIP	r-7	3-4	5-7	8 2	TOTAL	CFORD	939	150	300	600	1000	2000	3500	5000	6500	<b>\$000</b> -	44 45/8	TOTAL
				CF2CD	285	COAED	149	294	599	***	1495	3499	****	****	7007		ARY HGT	CBS
	7.3	2.4	2.5	• •		2.6		.0	-1	.3		.3	•2	•	.0	-1	11-6	
*£	19.1	5.5	4.5			2.2	•	.0	-1		. 9	.5	.2	-1	•	-1	27.8	
(	7.*	2.*	2.2	. 3		2.3	•	.0	•	•2	•5	. 3	- 1	•	•	- 1	11.9	
SE	1.1		- 9	. *		3.5	•	.0	•	• 1	• 2	.1	.1	•	•		2.2	
S	1.0	.7	. 9			4.3	41	.0	- 1	• 3	•2	-1	-1	.0	.0	.0	2.3	
Šw	2.1	1.9	2.6	1.0		4.3	•	•	.2		- 5	.3	- 1	.1	.0	.0	5.7	
	4.4	7.7		1.2		3.9	• 1	- 1	.2	. 7	1.2	- 5	. 2	• 1	•	.0	10.7	
AU	3.4	1.7	1.8			3.2	•	•	-1	.2	. 4	.2		.1	.0	.1	5.9	
YAR	.0	.0		.c			.0	.0	.0	3.	.0	.0	.0	.0	.0	.0	.0	
CALP	4.4	1.7	1.9	• •		2.4	•	.c	.1	. 3	. 5	. 3	.1	.0	•	•	7.2	
101 065	2530	1062	1000	289	4961	2.4	16	ŧ	40	177	269	123	57	19	7	10	4253	443
101 PCT	50.6	21.7	21.7	2.4	100.3	-		.1		3.5	5.4	2.5	1.1		-1		45.4	100.

TABLE 7

# CUMULATIVE PCT FREG OF SIMULTANEOUS OCCURPENCE OF CEILING HEIGHT INH SAVAS AND WINE INHS

			4587 (%P)										
CEILING CFEET)		ILING	= QR	± C0	: CR	: CR	= GR	2 02	= CR	I CR			
		(123	>10	>5	>2	>1	>1/2	>1/4	>5010	>0			
=	CR	26500	.5	.5	-5	-5	-5	-5	.5	.5			
:	ÇR	>5000	- 8		. •	. •	. •		.,	. •			
=	Q.P	>3500	1.9	Z-0	2.0	2.0	2.0	2.0	2.0	2.0			
:	C4	>2000	4.1	4.4	4.5	4.5	4.5	4.5	4.5	4.5			
:	0.0	>1003	1.5	9.7	7.6	7.5	7.8	7.8	7.8	1.5			
:	64	>600	11.7	13-1	13-2	13.2	13.2	13.2	13.2	13.2			
=	CR	>100	12.3	:3.0	14.0	14.C	14.0	14.5	14.0	14.0			
Ξ	Q#	>150	12.5	14-C	19-1	14-1	19.2	14.2	14.2	14.2			
:	CR	> 0	12.7	14.2	14.4	14.4	34.5	14.5	10.5	19.5			
		TOTAL	647	725	734	735	737	738	736	730			

TOTAL NUMBER OF CES: SCHO

PCT FREQ MH 45/8: 85.5

With the second state of the second second

## TABLE 7A

### PERCENTAGE FREE OF LOW CLOUDS (EIGHTHS)

C 1 2 3 4 5 6 7 R OBSCO OBS 26.3 27.3 16.3 11.8 7.6 4.1 4.1 3.6 2.7 .2 5336 ......

APER COST RECAPAGUA SU COAST PERIOD: (PPIWARY) 1952-1976 (OVER-ALL) 1973-1979 TABLE \* PERCENT FOLD OF LIND DIRECTION WE OCCURRENCE OF NON-OCCUPARNIE OF PARCIPITATION WITH WARVING WILLUS OF WISIBILITY PC1 TOTAL 085 SE WAR CALM .0 .c .c .... .... ... ... ... ... 555 556 .... .0 .0 PCP 1/2(1 NO PCP 101 1 .0 •0 •0 ... .0 5<10 NO PCP 101 % .5 1.1 .5 1.2 PCP • .1 .1 40 PCP 13.1 24.3 12.1 101 % 13.2 24.4 12.2

> 101 CBS 101 PC1 13.7 30.6 13.0 2-7

> > TARLE .

	PERCENT FPED OF BIRD DIRECTION VS BIND SPEED WITH VARYING VALUES OF VISIBILITY												
4587 (84)	570 875	*	#Ē	E	SE	5	Se		**	TAR	CALM	PCT	TOTAL
	D-3		.c	.0	-3	3.	.0	-5	.0	.0	.0	.0	
<1/2	4-10	•	•	.0	٠,	.c	•	•	•	.0		•	
	11-71	•	.2	.0	-0	.0	.0	.5	.0	.0		•	
	22-	-0	.0	-0	•3	.0	.0	- 0	.6	.9		.0	
	101 2	•	•	3.	.3	•0	•	•	•	-0	•6	-1	
	D-3	.c	-0	-0	.0		-0		.0	.0	•	•	
1/2<1	4-10		-0	.5	•	.0	•	.5	.0	.0		•	
	11-71	.3	÷.	٠.	-0	.c	-0	٠0	-0	.0		.0	
	22+	.0	-¢	.c	.0	.0	-9	•€	-0	-0		-0	
	161 1	.5	-6	-6	•	•0	•	-0	.5	.0	•	•	
	0-3	•	-0	.c	.0	-6	•5	•	.0	.c	.c	•	
145	4-10	.0	•	.0	.3	•0	-0	-6	٠.	.0		•	
	11-21	.0	-0	•9	••	•	•	-5	-5	٠.		•	
	22+	-0	.0	.0	٠.	-0	-5	-0	-0	٠.		-0	
	101 1	•	•	-0	.3	•	•	•	•0	.0	э.	-1	
	0-3	•	•	•	.0	•0	-0	•	•0	.0	•	-1	
245	4-10	•	•	•	•	-1	•	-1	•	.5		-3	
	- 11-71	•	•	•	.0	-0	-6	-5	•	-0		-1	
	22+	•=	-0	-0	.0	-5	-5	-6	-0	-0	_	٠.	
	101 2	-1	-1	•	•	-1	•	-1	•	.0	•	-5	
	0-3	-1	-1	-2	-1	-1	-1	-1	-1	-0		1-2	
5<10		-2	-5	-3	-1	-1	-3	••	-3	-0		2-2	
	11-51	-1	-5	-3	-1	•	-1	-3	-1	-0		1	
	22*	•	. •	-1	٠5	•0	-0	.0	-0	٠.		-1	
	161 1	.5	1-1	.7	-5	-3	-5		-5	.0	••	5.0	
	0-3	1.7	1.3	1-1	.5		1.1	5-0	1.0	.0	4.1	17.6	
10.	4-10	7.2	11.3	• • •	1.7	1.7	4.7	9.0	***	-0		*5.2	
	11-21	3.9	14.1	5.2	- 3	• 3		1.5	1-1	-0		27-3	
	22+	5	2.7	• • •	-1	. :			. :	-5		4.3	
	ter a	13.3	29.4	12-1	2.5	2.8	4.6	12.6	4.4	-0	4.1	74.4	
	101 CPS									-			6178
	7A7 BF7			17.6	2.2	8.9		17.4	7.5	-0		100.0	

0666-412

TABLE 10

APER COIC MICAPAGUA SW COAST 9.5% 86.76

# PERCENT FREQUENCY OF CEILING MEIGHTS (FEET, NH )4/81 AND OCCUMBENCE OF NH <5/8 by MOLR

46LP 16-11											TOTAL	4h <5/2 4hv HGT	
00103	•2	•2	.5	2.6	4.5	2.3	1-1	-5	.2	.3	12.6	87-4	1309
C6160	.5	•2		3.3	5.0	2.5	٠.	.4	.2	•5	13.7	66.3	1256
12615	• •	-1	1.4	•.•	•.•	3.1	1.6	-1	.c	.7	14.2	61.6	1350
14131			_	2.7	4.4								

TABLE 11

TABLE 12

CLUMINITIES PCT FREG CT RAMISS OF WSBY (NM) AND/OR CEALING MST IFFET; who was a major can be compared by the compared by t

DECEMBER

PERICO: (PRIMARY) 1952-1979 (OVER-ALL: 1873-1979

TABLE 17

AREA COLO MICARAGUA SW COAST

PCT FREE OF AIR TEMPERATURE LOFG F1 AND THE OCCUPPENCE OF FOG (WITHOUT PRECIPITATION)
Y! AIR-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	65	- 0	73	77	81	85	87	>92	101		¥9	
IMP DIF	66	72	76	*0	**	£1	92			FOG	FOG	
37/39	.0	.0	. 0	.0		.0	.0	•0	1	.0	•	
14/16	.0	.0	• • •	.0	•	•	•	.0		• ?	. 1	
11/13	٠٥	•0	.0	•	. 1	• 1	- 1	•0	20	•0	. •	
9/10	•0	.0	. 0	.2	. 2	• 2	• 1	•	43	.0		
2/8	• 2	+0	• 0	• 2	. 7	. 3	. 2	. 0	80	.0	1.4	
6	.0	.0	. 1		. 4	. 3	- 1	• •	72	• 0	1.3	
5	.0	•	. 1	.6	1.2	.5	- 1	••	141	•0	2.5	
4	.0	.0	.2	1.2	1.7	. 6	•	.G	205	.0	3.7	
2	.0	•	. 3	1.6	1.7	45		.0	224	• 0	4.0	
2	.0			2.6	4.4	. 6	.0	.0	451	•	8.1	
1	• 0	.0	. 4	4.1	4.4	. 3	•	٠.	533	.1	9.5	
-1	.0		1.0	7.5	6.8	.2	.0	.0	868	. 1	15.5	
-1	.0	. 1	. 7	7.3	5.7	.2	.0	.0	775	•	13.9	
• 2	•0	. 1	. 0	8.3	4.6		• 6	.0	769	•	13.8	
- 3	.0	-0	.7	6.0	2.5	•	.0	.0	511	.c	9.2	
-4	•0	- 1	.9	5.6	1.1	.0	.0	.0	430	• 0	7.7	
-5	•	•	. 7	2.7	. 4	•0	·c	.0	215	•0	3.9	
-6	• 0	• 0	. 5	1.2	• 2	•0	.0	.0	108		1.9	
-7/-8	+0	•	. 4		- 1	•0	.0	.0	73	.0	1.3	
-9/-10	•	.0	. 3	• 2	•	.0	.0	.0	27	.0	. 4	
-21/-13	.0	.1			•0	.0	• 0	.0	7	.5	.1	
TOTAL	2		441		2019		• 3			16	5546	
-		24		2614		217		2	5562			
							-			-		

PERIOD: (OVER-ALL) 1963-1979

TAPLE 18

				PC	T FREC O	F WIND	SPEED	(KTS) AND DIR	ECTION V	LRSUS S	EA HEIG	HIS (FI)		
				N							NE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3		11-21	22-33	34-47	48+	PCT
<1	.8	1.3	•	•0	• 0	.0	2.2	•\$		.1	.0	• 0	.0	1.6
1-2	.9	4.1	. • 5	•0	٠.	·c	5.5	••		1.8	•0	•0	•0	8.1
3-4	•	1.8	1.7	+1	•0	•0	3.6	•2		4.7	.5	•0	•0	8.5
5-6	• 1	.5	+8	•0	• 2	•0	1.3	.0		4.2	.5	•0	•0	5.6
7 8-7	•0	•	• 5	• 2	•0	.0	.8	•0		1.6	•	•0	•0	2.4
10-11	•0	.0	.3	.0	• 6	•0	• 3	•0		• • •	.3	•0	•0	. 8
12	.5	.0	::	.0	.5	.c 0.	•2	.0		• • •	:2	3.	:0	.2
13-16	.0	3:	•0	:5	.5	:0	.5	.0		.0	::		:0	:1
17-19				•0	.0	ě		.0		.0	::	.0	:0	::
20-22			.0	.0	ŏ	.0	.0	.0		.0			.0	::
23-25		.0	.0	.0		.0	ě	.0			.0	.c	.0	.0
26-32	.0			•0	iš			.0		.0				.0
33-40	.0	.0	•0	.0	• 0	.0		.0		.0	.0	•0	.0	.0
41-48	•0	•0	.0	.0	• 0	.0	.0	.0		9.	.0	•0	.0	•0
49-60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0	•0	.0
61-70	+0	•0	•0	.0	.0	.0	.0	•0		.0	.0	•0	.0	•0
71-66	•0	•0	•0	.0	.0	.0	.0	•0		.0	•0	•0	.0	.0
87+	•0	•0	•0	.0	•0	.0	.0	•0	.0	.0	.0	• 0	•0	•0
TOT PCT	1.8	7.7	3.4		•	.0	13.9	.8	11.4	13.2	2.6	•	.0	27.9
				E							SE			
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3		11-21	22-33	34-47	48+	PCT
9	• 8	1.0	•0	•0	• 2	•0	1.8	• •		•0	•0	• 0	•0	•6
1-2 3-4	. 3	2 . 3	. • 7	•0	•0	•0	3.3	•1		• 2	•0	•0	•0	1.2
5-6	.0	1.3	1.3	•1	.0	.0	2.,	•0		.1	.1	.0	.0	.5
7	.0			• • • • • • • • • • • • • • • • • • • •		.0	1.0	.0		••	.0	.0	.0	•1
4-9	.0	.0	.3	• • • • • • • • • • • • • • • • • • • •			1.0	.0		.0	.0	.0	.0	.0
10-11	•0	:0		:6	.0	.0		:0		ŏ		•0		:6
12	•0	::	• • •	•							.0			:0
13-16	·ŏ	.0	.0	•0	ò			.0			.0	ò		
17-19			.0	- 7	.5		•					.0		
20-22	.0		.0	.0	. 5	.0	.0	.0		•0	•0	.0	.0	•0
23-25	.0	.0	•0	•0	•0	.0	.0	.0	.0	.0	.0	.0	•0	.0
24-32	.0	•0	•0	.0	.0	.0	.0	•0		.0	.0	.0	.0.	.0
33-40	•0	•0	.0	٠0	.0	.0	•0	•0		.0	.0	•0	.0	.0
41-48	•0	.0	.0	•0	•0	.0	.0	.0		.0	.0	•0	.0	•0
49-60	.0	•0	• 0	.0	.0	.0	.0	•0		.0	•0	•0	.0	•0
61-70	•0	٠0	•0	.0	•0	.0	.0	•0		.0	•0	•0	.0	•0
71-86	•0	•0	•0	•0	•0	.0	.0	•0		.0	•0	•0	•0	•0
87+	.0	•0		•0	•0	•0	0	•0		.0	•0	• 0	•0	.0
TOT PCT	1.2	9.9	4.6	.6	•C	.0	11.3	•5	1.5	. 3	• 1	•0	.0	2.4

PE910D:	. Aug		1047-1	- 10				DECEMBER				AREA	***		GUA SW COAST
PEATOR	IOAF	(-FEE1	1703-1	***				TABLE 14 (CONT	1)			ANEA	<b>**</b>		.74
				PC	1 FPEC 0	F WIND	SPEED	IKTS) AND DIRE	CTION	VERSUS S	EA HEIG	HTS (FT)			
				5							S¥				
HGT	1-3	4-10	11-21	22-35	34-47	44.	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT	
<1	• ?	. 4	.0	•0	• 6	.0	.6	.6	1.6	.1	•0	•0	.0	2.3	
1-2	•2	. 5	•2	•0	• 0	•0	1.3	. 5	3.8	• 2	.0	• 13	.0	4.3	
3-4	• 1	••	• 3	•0	• C	•0		.1	1.4	• •	•0	٠ç	•0	2.0	
5-6	•	•	•	• 1	•0	.0	• 2	•	- 1	- 1	.0	•0	•0	.3	
.,,	•0	٠c	-0	•0	.0	.0	.0		-0	•0	•0	•0	.0	.0	
8-9	٠0	.0	• ?	٠.	•0	•0	.0		•0	• 3	•0	•0	•0	•1	
10-11	•0	-0	.0	•0	• 0	.0	.0		•0	•0	.0	•0	•0	.0	
.12	•0	•c	• 6	•0	. "	•0	•0		•0	-0	•0	•0	•0	•0	
:3-16 17-19	.0	٠٥	.0	•0	.0	.0	.0		•0	•0	•0	•0	•0	•0	
20-22	.0	.0		:0	.0	:0			•0	.0	.0	9.	.0	:0	
23-25	.0	.0	•0	•0	.5		.0		•0	•0	.0		.0	.0	
26-32	.0		.0	10					:0	•0	:0	.0	ě	.0	
33-40			ŏ			3.5				.0		č	.0		
41-48		.0	.0				.0		.0	.0	:0	.ŏ			
49-60	.0	.0	.0	•0	.5	.0	• 0		-0	.0	.5	.0	ě	.0	
61-70	.0	.0	.0	•0	.0	• 6	.0		•0	•0	.0	.0			
71-46	•0			•0	.0	.č	.0			.0	•0	.0	.0		
47+		.0	. C	.0		.0	.0		•0	.c	.0	.0	.0	.0	
TOT PCT	•6	1.7	• 5	• 1	• 0	•0	3.0	1.5	6.8	1.1	•0	•0	•0	8.7	
				e.							NE				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCI	1-3	9-10	11-21	22-33	34-47	48+	PCT	PCT
<1	1-3	2.4	**-**	**-33			3.1		4-10	11-21	22-33	.0	7.0	1.4	P 6 1
ì-2	, á	7.1	1.7		:6	.0	9.0		3.3	.,	::	.0	.0	4.7	
3-4	.0	2.0	1.0	.0	.č		3.0			. ,		ě		1.0	
5-6	.0								.3	.2		.0	:5	5	
7	.0	. 2	•0	.0	.0	.0	•2		• 1		.0	.0	.0	.2	
1-1	.0		.0	.0	•0	.0	•0		.0	•0		.0	.0	.0	
10-11	•0	.0	3.	.0	. C	•0	.0	•0	.0	.0	•0	.0	.0	.0	
12	• €	•0	.0	.0	• 0	• C	.0	•0	.0	.0	•0	.0	.0	.0	
13-16	•0	+0	•0	.0	.0	•0	+0	• 0	.0	.0	•0	.0	•0	+0	
17-19	•0	•C	•0	•0	• 0	• C	.0		.0	•0	•0	.0	•0	.0	
20-22	•0	.0	•0	.0	•0	•0	.0		•0	•0	.0	.0	•0	.0	
23-25	•0	•0	•0	•0	.0	•0	.0		•0	.0	•0	•0	•0	.0	
56-35	•0	•5	•0	•0	• 2	•0	•0		•0	•0	.0	•0	-0	•0	
33-40	•6	•0	.5	.0	• • •	•0	.0		•0	•0	.0	٠ç	•0	•0	
41-48	•0	•0	٠.	•0	.0	٠.	•0		•0	•ĕ	.0	.0	•0	•0	
49-60	•0	•0	•0	•0	٠2	•0	•6		•0		•0	•0	•0	•0	
61-70 71-86	•0	.0	•0	.0	.3	.0	.0		•0	9.	•0	.0	•0	.0	
47+	.0	•0	•0	.0	:5	•0	.0		.0	.0	.0	.0	ن.	:0	
707 PC1	1:4	12.1	2.7	.0	::	.0	16.2		.D 5.4	1.2	:0	.0	.0	7.8	91.5
						••		•••			••	•0	•••		- • • •

	WIND	SPEED	(*15)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	FCT	101 085
(1	13.6	8.9	. 3	.0	.0	.0	23.1	063
1-2	4.3	27.8	5.3	.0	.0	.0	37.4	
3-4	. 6	10.9	9.7	.7	.0	•0	21.9	
5-6	.2	2.6	7.1			.0	10.4	
7	.0	4	3.0		.0		9.5	
8-9	.c		1.1				1.6	
10-11		.0	3	.;				
12				.3			.3	
13-16	.0	•0	.0	• 1	•0	.0	- 1	
17-14	.0	•0	.0	. 1	.0	•0	• 1	
20-22	.0	.0	.0	.0	.0	.0	•0	
23-25	٠.	• 0	.0	•0	.0	.0	.0	
26-32	.0	•0	.0	•0	.0	.0	.0	
33-40	.0	.0	.0			.0	•0	
41-48	.0						.0	
49-68	.0	.0		.0	.0			
61-70				.0			.0	
71-66	•0	•0	.0			.0	•0	
87+	.0	•0	.0	•0	.0	.0	.0	
								1600
TOT PCT	18.9	50.6	26.4	3.6	. 1	.0	100.0	

PERIO	L 104	ER-ALL	) 194	9-1979	•				TABLE	19											
					PERCEN	T FRE	QUE4:14	OF WA	AR HET	GH1 (F	TI VS 1	AVE P	ERIOD	(SECON	0\$1						
PERIOD (SEC)	(1	1+2	3-4	5-6	7	8-9	10-11	17	2 17-14	17-19	50-55	23-25	26-32	33-40	41-48	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
<6	4.5	17.7	16.6	9.3	2.7	1.4		• • •	1	•	.0	.0	.0	•0	.0	٠.	.0	.0	.0	2435	3
6-7	• 2	2.2	7.6	4.8	3.2	1.2	4	• 3	3 .1	•		.0	.0	.0	•0	.0	.0	.0	+0	1015	5
6-4		.5	2.4	1.7	1.2		2	• 1		- 1	•	.0	.0	.0	.0	.0	.0	.0	.0	321	5
10-11	.0	.5		1.0		.1				0	.0	.0	.0	.0	.0	.0	.0	.0	.0	140	5
12-13	.0	.0		. 4	.2	. 1	. 1		٠. د		.0		.0	.0	.0	.0		.0	•0	70	5
>13	.0	.0	.0	.5		.1		-				.0	.0	.0	.0	.0	.0	.0	.0	50	7
INDET	6.9	1.2	2.5	1.0	. 3	1	- 1				•0	.0	.0	.0	.0	.0	.0	+0	.0	555	2
TOTAL	530	1017	1410	946	395	164		34	22	7	3	Ď		0	0	Ö		Ö		4571	- Ā
PCT	11.5	22.2	30.7	20.6	4.6	3.6		•1			•1	•0	.0	•0	•0	.0	•0	٠ŏ	٠Ö	100.0	

PERIOD: (PPIHARY) 1952-1979 (OVER-ALL) 1867-1979

TABLE 1

APER OGIO HICARAGUA SW CORST 9.5N 86.7W

PEPCENT FREGUENCY OF WEATHER OCCUPMENCE BY WIND DIMECT	
	104

			•	RECIPI	14610	N TYPE					01469	<b>LEATHER</b>	PHEND	HENA	
WAD DIP	PAIN	rain Suhe	DRZL	FR7G PCPN	SHOR	OTHER FRZN PCPN	HAIL	PCPN AT CF TIPF	PCPN PAST HOUP	THOR LTNC	FOG WO PCPN	FOG WO PCPN PAST HR	SHOKE	SPRAY BLUG DUST BLUG SHOW	
N	2.0	1.4	.7	.0	•0	•0	•	4.1	2.6	2.4	.2	•	1.1	•	89.7
NE	1.4	1.0	. 4	.0	.0	.0	•	2.7	1.5	2.3	. 2	•	1.2	• 1	92.1
£	1.4	1.3		.0	.0	•0		3.6	1.4	5.6	. 1	•	1.6	• 1	90.2
32	3.1	2.1	1.5	.0	.0	.0	•	6.5	3.6	4.0	. 3	.0	1.0	• 1	85.0
Š	4.0	2.3	1.8	.0	.0	•0	•	8+5	4.4	2.8	. 2	.0	1.0	• 1	83.8
S¥	4.1	2.5	1.4	.0	.0	.0	•	8.0	4.0	3.C		.0	.,	• 1	84.2
¥	3.2	2 - 1	1.2	.0	.0	•0		6.4	3.6	2.9	. 2	•	.9	•	45.9
ŇÞ	2.6	145		.0		.0	•	4.9	3.3	2.6	. 2	•	1.0	•	44.2
VAR	0.0			.0	.0	•0	.0	.0			.c	.0	•0	•0	.0
CALH		.9		.0	.0	•0	.0	2.1	1.8	3.2	. 3	•	2.4	• 1	90.1
TOT PCT TOT 085:	2.7 15395	1.7	1.0	.0	.0	•0	•	5.3	3.0	2.7	•2	•	1.2	•1	87.7

TABLE 2

# PERCENT FREQUENCY OF MEATHER OCCUPRENCE SY HOUR

				PCC 1 P 1	TATIO	Y TYPE					01HE#	VEATHER	PHENO	HENA	
HOUR (GPT)	RAIN	RAIN SHUR	ORŽL	FRZG PCPN	5406	OTHER FRZN PCPN	HAIL	PCPH AT OB TIPE	PCPN PAST HOUR	THOR LING	FOG NO PCPN	FOG WO PCPN PAST HR	SMORE	SPRAY BLMG DUST BLMG SNOW	
00603 06609 12615 18621	2.9 3.5 2.3	1.3 1.9 2.2 1.5	.6 1.2 1.2	.0	.0	.0	:	4.1 5.9 6.8 4.5	2.3 2.7 3.7 3.0	1.4 7.5 2.2	.1	•0	1.3 1.3 1.3	.1 .1 .1	90.8 82.6 85.8 91.0
TOT PCT	2.7	1.7	1.0	•0	.0	.0	•	5.3	2.9	2.8	.2	•	1.2	-1	67.6

#### TABLE 3

# PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		WIN	D SPE	ED IKAO	15)								HOUR	(GHI)			
WHD DIR	0-3	4-10	11-21	22-33	34-47	48+	TOTAL	PCT	MEAN	00	03	04	0.0	12	15	18	21
							085	FREO	SPD								
N	1.6	5.6	2.4	. 2	•	.0		9.8	8.2	8.2	7.1	6.6	9.7	12.2	12.3	11.7	12.3
ME	1.3	7.9	7.5	1.3	. 1	•		18.1	11.2	15.5	14.5	13.3	17.7	20.1	19.6	23.1	19.0
£	1.2	5.8	4.6	. 7	•	•		12.4	10.6	11.3	9.9	12.6	10.4	12.1	11.1	14.0	9.5
\$6	. 9	3.4	. 9	•	•			5.2	7.3	6.0	7.4	6.6	6.4	3.7	5.2	4.6	5.3
\$	1.3	4.6	1.2	•	.0	.0		7.1	7.0	9.9	10.0	7.8	7.3	5.2	6.0	5.8	7.1
SW	1.6	6.0	2.7	• 1	•	.0		12.4	7.6	15.1	15.5	13.2	12.9	10.9	11.4	10.4	13.3
¥	2.2	11.4	3.4	• 1	•	.0		17.4	7.7	18.7	17.3	19.0	16.1	17.8	17.5	14.8	16.5
NE	1.4	5.£	1.3	•		٠.		8.3	7.4	6.8	8.0	7.6	10.2	9.6	10.8	8.4	*.*
VAR	.0	.0	.0	.0	.0	.0		.0	•0	.0	•0	.0	.0	.0	.0	.0	•0
CALM	9.2			4				9.2	•0	8.7	10.4	13.3	9.2	8.9	6.2	7.1	7.2
250 TOT							84584		8.3	18031	1622	18819	1762	18948	2487	20862	2053
TOT PCT	20.6	52.4	2443	2.5	- 1	•		100.0		100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0

TABLE 34

NND DIR	0-6	#1ND 7-16	SPEED 17-27	(KNOTS) 28-40	*1*	TOTAL	PCT	MEAN	50	06	1671:	18
						045	FREQ	SPD	0.2	59	15	21
N	4.4	4.6		.1	•		7.8	8.2	8.1	6.9	12.2	11.7
NE.	4.6	9.5	3.7	.3	•		18.1	11.2	15.4	13.6	20.0	22.7
£	3.9	6.2	2.1	.1	•		12.4	10.6	11.2	12.4	12.0	13.6
ŠE	2.8	2.2	. 2	•			5.0	7.3	6-1	6.6	3.8	4.7
Š	3.7	3.1	.3	•	.0		7.1	7.0	9.9	7.7	5.3	5.9
SW	5.3	6.5	.5	•	•0		12.4	7.6	15.1	13.2	10.9	10.7
w T	7.5	9,2	.7		•		17.4	7.7	18.6	18.8	17.8	14.9
Nu	4.3	3.4	. 2	•	.0		8.3	7.4	6.9	7.8	9.1	8.6
YAR			•0	.0	.0		.0	• 0	•0	.0	.0	.0
CALP	9.2	•••	• • •				9.2	•0	8.8	13.0	4.1	7.1
101 095	,					84584		6.3		20581		
TOT OFT	44.7	44.1		. 4			100.0	-	100-0	100.0	100-0	100.0

ANNUAL TAPLE 4

PERIOD: (PRIMARY) 1952-1979 (DYER-ALL) 1860-1979 APEA COLO NICARAGUA SW COAST

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)

				FIND	SPEED C	KNOTS			PCT	TOTAL
HÇUR	CALP	1-3	4-10	11-51	22-33	34-47	484	PEAR	FREQ	085
00603	6.5	12.4	55.9	21.3	1.4	• 1	•	7.7	100.0	19653
96164	13.0	11.1	52.9	20.9	2 - 1	- 1	.0	7.6	100.0	20541
12615	4.1	10.8	52.2	25.8	3.0	• 1		8.6	100.0	21.435
14621	7.1	11.5	44.3	28.3	3.4	• 1	•	9.0	120.0	22915
101								8.3		84584
PCI	v.2	11.5	52.4	24.3	2.5	- 1			100.C	

\_ . \_ . \_ .

•	CI FRE			CLOUD A		E 15HTHS )		1					CEILIA VH (5/					
WAD DIR	0-2	1	5-7	8 6	TOTAL	MEAN CLOUD	000	150	300	600	1000	2000	3500	5000	6500	8030+	NH <5/8	
440 (-1-	0-7	,	5-1	08500	065	93405	149	299	599	999	1999	3499	4999	6499	7999		ANY HGT	
N.	4.4	1.9	2.4	.0		4.0			.1		.6	. 3	. 1	•			8.1	
NE	9.4	3.5	4.2	1.1		3.6	•		- 1	. 6	3.		. 7	- 1		- 1	16.1	
€	5.4	7.4	3.6	1.3		3.7	.1	•	. 1	.6	٠,		. 2	.1			10.4	
32	1.1	. 0	1.0	1.1		4.5	•	•	• 1	. 4	• 6	. 2	.1	•	•		3.4	
5	1.0	1.2	2.9	2.0		5.0	.1	. 1	.2	. 9	1.0		. 1				4.3	
SW	1.5	1.0	5.3	2.7		5.1	•2	- 1	. 5	1.7	2.0	.7	. 2				7.0	
	3.0	3.2	7.2			4.4	• 2	. 1	.5	1.9	2.5	. 9	. 3	.1			11.0	
ŇV	2.4	1.6	2.3			4.5			.1	.6	. 8	. 3	. 1				5.6	
VAR	.0					3.	.0	• 0	.0	.0				.0	.0	.0	-0	
CALH	3.6	1.4	2.4			3.0		•		.5	.7	.3		•••	•	•	7.3	
TOT OBS	•••			•••	62535	4.3				• • •	• •					-		62539
TOT PCT	31.8	18.3	33.1	16.6	100.0	· ·	.7		2.0	7.6	9.8	3.0	1.5	.5	. 3	. 3	73.2	100.0

TABLE 7

ALMAN ATTUE						^-	
CUPULATIVE	PC: 1	W.C.C.	UF	27 LOC 14	*******	000	UKKENCE
OF CETLIS		***		34 /81			44.44

						VSRY (NR	13			
	CI	11 1 F G	I OR	= OR	= OR	2 CR	= OR	= OR	= OR	= OR
	11	(133	>10	>5	>2	>1	>1/2	>1/4	>50YD	>0
z	CR	>6500	.6	.6	.6	.6	.6	.6	.6	
:	0R	>5000	. 9	1.0	1.0	1.0	1.0	1.0	1.0	1.0
=	OR	>3500	2.3	2.5	2.5	2.6	2.6	2.6	2.6	2.6
=	20	>2500	5.4	6.1	6.3	6.3	6.3	6.3	6.3	4.3
=	CR	>1000	13.7	15.8	16.0	16.1	16.3	16.1	16.1	16.1
=	CR	>640	19.4	23.0	23.5	23.6	23.7	23.7	23.7	23.7
		230C	20.6	24.7	25.4	25.6	25.4	25.6	25.6	25.6
=	O.R	>150	20.8	25.0	25.8	25.9	26.0	26.C	26.0	26.0
		> 0	21.D	25.5	26.3	26.5	26.6	24.6	26.7	26.7

TOTAL NUMBER OF DES: 64276

PCT FREQ NH <5/A: 73.1

TABLE 7A

# PERCENTAGE FREE OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 6 085CD 085

								4.5	NUAL							
PER100:	(PRIMAPY) :							14	PLE R				ARE	A 0010	NICARAGUA SW (	COAST
			P	ERCENT	FPE0 PREC				AZ OCC					E OF		
	4264		۲	46	ε	SE	s	25	v	W	VAP	CALM	PCT	TOTAL		
		PCP	•	•	•	•	•	•	•		.0	.0	• 1			
	<1/5		•	•	•	.0	•	•	•	•	.0	•	•			
		101 2	•	•	•	•	•	•	•	•	•0	•	• 1			
		PCP	•	•	•	•	•	•	•	•	• 0	•	- 1			
	1/2<	NO PCP	• 0	•	•	•	•	•	•	•	•0	•	•			
		101 1	•	•	•	•	•	•	•	•	•6	•	- 1			
		PCP	•	•	•	•	•	. 1	- 1	•	.0	•	• 2			
	1<2	NO PCP	•	•	•	•	•	•	•	•	•0	•	• 1			
		101 1	•	•	•	•	•	•1	- 1	•	·c	•	- 3			
		PCP	•	•	•	•	- 1	.2	.2	•	٠.0		. t			
	2<5	NO PEP	•	. 1	. 1	•	•1	.? .1	.2 .1 .3	•	•0	•	• •			
		Ing t	. 1	- 1	. 1	. 1	• 2	.3	. 3	• 1	•0	. 1	1.2			
		PÇP	. 1	- 1	.2	. 1	. 3	.5	- 6	-2	.0	. 1	2.1			
	5<10		.5	. 9	. 7	. 4	.6	1 + 1	1.4	. 6	٠.	.6	6.8			
		TOT &	.6	1.5	.9	.5	. 5	1.6	2.0	.7	•0	• 6	8.5			
		PCP	. 1	• 2	.2	• 5	. 3	.5	.6	• 5	.c	.1	2.3			
	10+	NO PCP	9.0	17.0		4.3	5.8	9.9	14.6	7.2	.0	8.1	87.2			
		101 1	9.1	17.1	11.6	4.5	6.1	10.4	15.1	7.3	.0	6.2	80.5			
		101 085												75202		
		TOT PCT	9.5	14.3	12.6	5.1	7.1	12.4	17.5	6.2	.0	R. 9	100.0			

# TABLE 9

								CC1104			ED		
VSBY (MM)	SPD KTS	N	NE	£	SE	s	S¥	¥	NE	VAR	CALM	PCT	TOTAL
	0-3	•	•	•	•	•	•	•		.0	•	•	
<1/2	4-10	•	•	•	•	•	•	•	•	.0		• 1	
	11-71	•	•	•	•		•	•	•	.0		- 1	
	22+	•	•	•	.0	•		.0	-0	.0		•	
	101 3	•	•	•	•	•	•	•	•	.0	•	*5	
	0-3	•	•	•	•	۰0	•	.0	•	.0		•	
1/2(1	4-10	•	•	•	•	•	•	•	•	•0		-1	
	11-21	.0	•	•	•	•	•	•	•	-0		•	
	22+	.0	•0	•	•5	.0	•	•	•	.0		•	
	101 2	•	•	•	•	•	•	•	•	.0	•	- 1	
	0+3	•	•	•	•	•	•	•	•	.0	•	- 3	
142	4-10	•	•	•	•		- 1	•	•	.0		• 2	
	11-21	•	•	•		•	•	•	•	•0		. 1	
	22+	•	-0	•	•	•	•			.0		•	
	101 2	•	•	•	•	•	• 1	.1	•	.0	•	••	
	0-3	•	•	•	•	•	•	•	•	.0	-1	.2	
25	4-10	. 1	•1	• 1	•	-1	• 2	-1	• 1	.0		.7	
	11-51	•	•	•	•	•	- 1	.1	•	.0		. 4	
	22+	•	•	•	•	•	•	•	•	•0		• 1	
	101 2	.1	•1	.2	•1	•2	• 3	. 3	- 1	•0	-1	1.4	
	9-3	-1	-1	-1	+1	. 1	• 3	.2	-1	.0	. 7	1.5	
5<10	4-10	••	• 5	. 4	• 3	.5	.9	1	•	٠.		4.5	
	11-71	-1	• •	+ 3	- 1	•5	-6	7	•5	.c		2.6	
	22*	•	• 1	- 1	•	•	. •	. •	•	•0	_	•2	
	101 3		1.0	.,	••	.8	1.6	2.0	.7	.0	.7	4.4	
	0-3	1.5	1.1	1-1		1.1	1.3	1.9	1.2	.5	8.3	16.2	
70.	4-10	5.2	7.4	5.4	2.9	4.0	6.9	10.0	5.0	•0		46.8	
	11-21	2.3	7.2	4.4	• 7	. •	2.0	3.0	1-1	•9		21.4	
	22*	•2	1.3	7		. •	- • 1	1	. :	.0		2.4	
	TOT 1	7.1	17.1	11.6	4.5	4.0	10.3	15.0	7.3	•0	8.3	44.0	
	C=0 101									_			78610
1	OT PCT	9.8	18.3	12.6	5.2	7.1	12.4	17.4	8.2	.0	7.0	100.0	

NU	

PER100:	(PP[PARY)	1952-1976
	(OVER-ALL)	1867-1979

TABLE 10

AREA 0010 MICARAGUA SW COAST

EFCENT	FREGUENCY	OF	CEILING	HE 16HTS	(FEET.NH	14/61	AND
	00000				LIANA		

OCCURPENCE OF NH <5/8 BY HOUR

HOUR (GPI)	149	150 299	300 5 <b>9</b> 9		1999						101AL	MH <5/8	
00203	.5	.4	1.6	• • 5	8.6	3.5	1.5	.5	.3	. •	24.1	75.9	16725
66609	1.6	.4	1.7	7.4	9.9	3.4	1.5	.4	. 3	.3	26.4	73.6	15457
12415	.6	.4	2 • 3	8.7	10.0	3.7	1.4	.3	.2	.3	28.1	71.9	17420
16621	• •	.3	1.4	6.7	9.4	3.5	1.5	.5	.3	•2	24.9	75.1	17256
101	.7	.4	1.9	7.3	9.5	3.4	1.5	.4	.3	.3	25.4	74.2	100.0

TABLE 11

TABLE 12

		FERCENT	FREQUEN	CY VSF1	(NP)	8Y HOUR		CUMULAT					1'BA HORS	
HOUR (GPT)	<1/2	1/2(1	1<2	2<5	5<10	10•	TOTAL OBS	HOUR (GPT)	<150 <50YD		<1000 <5		NH <5/4 AND 5+	TOTAL
00603	. 1	•1	-5	1.2	7.6	90.5	19161	00103	.6	2.7	•.•	15.2	74.7	16063
06839	-1	-1	• 3	1.5	10.3	87.6	19682	0+609	1.1	3.3	11.7	16.0	72.3	14816
12615	.2	•2	.•	1.7	9.7	87.9	20456	12615	.7	3.6	13.1	16.2	70.7	16760
14621	.2	.1	.4	1.3	7.4	90.2	21274	18621	.5	2.7	10.0	15.8	74.2	16637
101 PCT	.2	.1	.4	1.4	8.6	89.3	50947 100.0	TOT	.7	3-1	11.2	15.8	73.0	64276

TAPLE 13

TABLE 14

PERCENT FREQUENCY OF WIND DIRECTION BY TEMP

N NE E SE S SW W NW VAR CALM

1 1 1 1 1 1 0 11 1 1 0 11

11 11 7 1.3 15 16 18 13 19 10 19

5.6 10.7 7.6 3.1 4.1 6.9 10.3 4.8 10 5.9

2.5 5.2 3.1 1.2 2.3 4.5 5.7 2.1 10 2.3

2 2.5 5.2 0 11 1.2 2.3 1.5 1.0 2.3

9.7 18.3 12.5 5.0 7.1 12.4 17.6 8.0 .0 7.2

TABLE 15

WEARS, EXTREMES AND PERCENTILES OF TEMP (DEC F) BY MOUR
OUR WAX 991 952 503 51 12 PIN PEAN TOTAL
GWT)
005
007
008 48 47 65 61 77 75 63 81-2 20159
4609 95 65 83 40 76 79 66 60.0 21157
2615 95 65 83 40 76 79 66 60.0 21157
2615 97 65 83 40 76 79 66 80.0 21157
6621 97 91 86 83 77 75 68 82-6 25129
6707 98 69 86 68 41 76 74 63 80.9 46468

TABLE 16

PERCENT FREQUENCY OF RELATIVE MUMIDITY BY HOUR

CUR 0-29 30-59 60-69 70-79 80-89 90-100 PEAM TOTAL

GWT1

CUS .0 .7 6.3 34.7 44.2 14.1 81 16576

6109 .0 .2 3.3 23.4 50.0 23.1 84 14.07

6215 .0 .5 4.3 23.2 48.4 23.6 84 17466

84221 .0 2.6 15.1 41.3 31.6 9.5 78 17226

84221 .0 0 674 4922 20724 20801 11994 82 67873

. . . . . .

PERIOD: (PPIMARY) 1952-1976 (GYEP-ALL) 1860-1979

TABLE 17

APER COLD HICARAGUA SW COAST 9-5N 45-76

100.0 .7 99.8

							···						V.>N	# 5
٥	CF /I	Đ	TEPPE							CE OF		CUT P	RECIPITATI	QN)
	AIR-S			69	73	77	81	AS	49	>92	101		40	
	TPP D	ĮF	6.	72	76	90	84	48	92			FOG	FOG	
	20/2	2	.0	•0	.0	.0	-0	.0	.0	•	1	.n	•	
	17/1	÷	.6	•0	. 2	.2		•		•	17	. 2	•	
	14/1		.9	40		•		•	•		57	. 0	-1	
	11/1			•0	ñ	•	- 1	.1	.1		223	•	. 3	
	9/1		+0	.0		- 1	• 2	.2	.1		438	.0	.6	
	7/8		.0			•2	. 4	. 5	.?	•	945	•	1.3	
	6		.c			٠2	. 4		. ?	•	822		1.2	
	5		٠.		. 1	. 4	. 8		. 2		1577	•	2.2	
	i i		.0		. 1	.6	1.3	1.0	. 2	.0	2252		3.2	
	3		.0		. 2	.7	1.5	1.1	. 1	•0	2522	•	3.6	
	2		.0		. 3	1.5	3.6	1.4	•	•0	4794		6.8	
	1		.0			2.0	4.3	1.1	•	٠.	5541		7.8	
	ā			•		4.4	7.9	1.1	•	•0	9779	•	13.8	
	-1			•		4.8	7.2	.7	•	•0	9191		13.0	
				•	. <	6.7	7.3	.3	•	.5	10423	•	14.7	
	-3		-0			5.5	4.2	.1	.0	ě.	7276	•	10.2	
	-4		.0		.6	5.1	2.8	.1	•	.5	6140	•	8.6	
	- *			•	. 6	3.5	1.5	•	.0	• 0	3961		5.6	
	-6		.0	•	.6	2.0	. 4		•	.0	2141	•	3.0	
	-7/-	ŧ		•		1.5	. 4	•	.0	•0	1891	•	2.6	
	-9/-					. 3	-1	.0	·c	•0	559	٠.		
	-11/-	13		•	.1	- 1		.č	.0	• 0	189		.3	
	-14/-	16		•	•	•	•	.0	٠.	40	23	.0	•	

PERIOD: (CVER-ALL) 1943-1979

TABLE 18

				PC	T FRED	OF WIND	SPEED	IRTSI AND DIRE	CIION A	EPSUS S	E* HEIG	HTS (FT)	)	
				N							۸E			
HGT	1-3	4-10	11-21	22-33	34-47	46+	PCI	1-3	<b>*-10</b>	11-21	22-33	34-47	48+	PCT
<1	.7	1.2	•	•0	.0	.0	2.0	•\$	1.3	- 1	.c	•0	-0	1.9
1-2	• •	3.2	• 6	-0	•0	.0	4 - 1	-3	3.4	1.3	•0	•€	•0	5.6
3-4	-1	1.1	1.1	•	.0	•0	2.3	-1	2.0	2.6	• 2	.0	•0	5.0
5-6	•	•2	• 5	•	•	.0	. 8	•	• •	2+3	.3	•	•0	3.0
.,	•0	•	•2	• 1	٠.	.0	.3	•0	-1		• •	•	:	1.3
5-9 10-11	•0	:	:	:	•	•0	- 1	•0	•	•?	• 2	•	•0	- 5
12	.0	٥.	:	:	.0	.0		•0	.0	.1	-1	•0	•0	•2
13-16	.0	.0	٠.	.0	.5	2.	•0	g. 0.	.,	:	:	•0	.0	:
17-19	.0	.0	.6	· · · · ·	:5	.0	.0			٠.	:	.3	••	:
20-22	3.		.0	.0	:5	.0	.0	•6		.0		***	•0	
23-25	.6	.0		.0		::	.0	•6	::	:č				.0
26-32				• 0	.5		:5	::		.0	.č		.5	.0
33-4C	.0	.0	.0	.0	.0		.,	:0		.0		.0	•0	.0
41-48			•0	.0	.0			.5	-0	-0		.0		
49-60	.0	•0	.0		•0	.c		• 0	.0	.0	.0	.6	-0	.0
61-70	.0		•0	•0	.5	.0		•0	.0	.0		.0	•0	.0
71-66	.0	• 0	•0	•0	.0	.0	.0	•6	.0		.0	.0	.0	-0
47-	•0	•0	• č	•0	-0	.0	.0	•c	.0	-ċ	.5	.5	•0	•0
101 PCT	1.3	5.6	2.5	•2	•	٠.	9.8	.9	7.7	7.4	1.3	- 1	•	17.5
				ε							SE			
MET	1-3	4-10	11-21	22-33	34-47	48*	PC1	1-3	4-10	11-21	22-33	34-47	46+	PCT
<1	.5	.,,				٠.٥	1.4		.7			.6	•0	1.0
1-2	• 3	2.7	.,	•0	.0	.0	3.9	•2	1.6	.3	.c	.0	•0	2.0
3-4	•	1.4	1.5	•1	.0		3.6	•	.5	.3	•	2.	• 5	.,
5-6	•	. 3	1.0	• 2	•	.0	1.5	•	- 1	.1	•	-0	•0	. 3
7	.0	- 1	.5	-1	• 6	.2	.7	.0	•	•	•	.0	-0	- 1
5-9	• 0	•	- 1	•1	.0	.0	.2	•0	•	•	•	• 0	.0	•
10-11	.0	.0	•	•	•	.0	- 1	•0	.0	•	•	•0	.0	•
12	.0	•0	•	•	-0	.0	•	•0	•0	٠.	.0	.0	.0	-0
13-16	.0	.0	.0	•	•	.0	•	٠٥	•0	-0	.0	. 5	•0	•0
17-19	.0	.0	.0	•	٠,	.0	•	•0	•0	.0	.0	٠.	.0	-0
20-22	•0		.0	•	. 3	.0	•	•0	•0	.0	.0	.0	-0	-0
23-25	•0	•0	•0	•	-0	.0	•	•0	• 0	.0	•0	.0	.0	-0
26-32	•0	•0	.0	•0	•0	.0	.0	.0	-0	.0	•0		•0	.0
33-40	+5	•0	.0	•0	•0	٠.	.0	•6	•0	•0	.5	.0	•0	.0
41-44	•0	•0	•c	•0	•0	.0	• • •	•0	•0	.0	•0	.0	•0	.0
19-60	.0	.0	.5	•0	•0	٠.	-0	•c	•0	.0	.0	.0	.0	•0
61-72	•17	•0	•0	•0	•3	.0	.0	•6	•0	.0	.0	•5	.0	•0
71-86	.0	•0	•0	•0	•0	٠.٥	.0	•0	•5	3.	-5	2.	-0	•0
87- 101 PCT	-0	.0	•0	•3	-3	٠.٥	10.8	•0	2.9	-0	.9	٠.	•0	•.3
IUI PCI	• •	5.4	₹.0	+5	•	.c			7.7		•	.0	.8	4 . 3

									ANNUAL							
P[ 9 1 0 D :	COVER	?-#LL)	1943-1	270				TABLE	IS CONT	,			ARÇA	9.		GUA SH COAST .7W
				PC	I FFEQ (	F -150	SPEED	(ATS)	AND DIREC	CTION V	EFSUS S	E4 HE10	HTS (#1)			
												Sw				
HG:	1-2	4-10	11-21	22-33	34-47	48.	PCT		1-3	4-10	11-21	22-33	34-47	48.	PCT	
<1	.5	1.0	•	.0	.0	.0	1.6		.6	1.6	•	.0	.c	.0	2.2	
1-2	. 3	2.5	. 4	.0	٠.۲	.0	3.2		.5	4.7	. 7	.0		. 3	5.9	
1 -	- 1	1.1	. ŧ	.0	• 7	.0	1.7		- 1	2.3	1.5	•	•0	.0	3.9	
	•	- 1	.:	•	•0	.0	.4		•	٠,5	. 9	•	-0	.0	1.4	
	• 0	•	- 1	•	۰,	•0	- 1		•0	.1	•2	•	•0	.0	. 3	
	• 5	•	•	•	• 2	.0	•		.0	•0	- 1		.7	-0	- 1	
10-1.	٠.c	•0	.0	•	•0	•0	•		•0	•0	•	•		•0	•	
12	٠c	•0	•2	.c	• 5	•¢	•0		٠.0	.0	•	•0	.5	.0	•	
13-16		•0	•5	٠.	• 2	٠c	.0		•0	.0	•¢	.0	• 2	-0	.0	
17-19	•:	•0	.0	•0	• ?	•6	-0		.c	٥.	٠.	•0	٠.	.0	.0	
53-55	٠¢	٠.	• • •	.5	• 2	-0	.c		•9	.0	•0	.0	• 2	.0	-0	
23-25	•0	•0	3.	.5	.:	- 5	. :		• • • •	•¢	•0	•0		.0	-0	
26-32 35-40	3.	•0	2.	.0	• 2	٠.	.0		.c	.0	3.	.0	•6	-0	.0	
41-48	3.	3.			• • • • • • • • • • • • • • • • • • • •	.0	.0		.0		3.	.0	•0	-0	-0	
49-6C	. 5		.0	.0			.0		.0	.0		.0	?• ?•	.0	.0	
61-7C	ě		ě	.5	.5		.0		.0	.0	•0		: 5	.0	.0	
71-86	.5			.0	.5	3.			3.	.5	.0	:5		::	.0	
87+	2		.5	.0	:3		.5		:6		.0	:ŏ	:5		.0	
TOT PCT		4.7	1.4				7.3		1.2	9.2	3.4		.0		14.0	
	•	•••	•••	-	• • •	••	,,,,		•••	***	•	•••	••	••		
HGT		4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33			PCT	TOTAL PCT
461 (1	1-3	2.5	11-21	22-33	34-47 •G	48*	3.5		1-3	1.4	11-21	22-33	34-47	45.	2.0	PCI
1-2	1.5	5.6	1.3		ě	:6	8.5		:	3.1	٠,5	:ŏ	.0	-0	4.0	
3-4		2.6	2.0	••			5.0		- 7	1.1				-0	1.7	
5-6	• •	4.6	1.5	:	íá		1.4		:		•2		:		.,	
3-0	.0		1:3	:	.5	·.			.0	•	::	•	• • •	ě		
8-0	::	•	::	:			. 1		ž		•		•0	.0	•	
10-11	ä	ı.		•0		3:			:6	٠ċ	.0		.0	.5	•0	
12	•0	.0		.0	.5	.5			.0		•	•	.0	.0	•	
13-16	.č	.0	.0	2.			.5		.0	.0	.0	.0	.0	.0	-0	
17-19	.0	•0			.0		.0		•0	.0	.0	.0		-0	.0	
20-22	٠Ċ	•0	.^		•0	.0	.0		.5	.0	.0	.0	.0	-0	•0	
23-25	-0	- 0		•0	• 3	٥.	.0		.0	٠.	.0	۰.	-0	.0	.:	
26-32	-0	•0	•:	٠c	•0	.0	.0		.0	.0	.0	-0	.0	.0	.0	
33-4C	.0	٠.	٠.	.5		٠.	.c		.0	.0	٠.	.0	.0	.0	.0	
41-48	•0	.0	• 5	•0	. 3	٦.	.c		-0	.0	•6	.0	•0	.0	.0	
49-60	.€	٠.	.0	• • • •	• 2	.0	.0		.0	.c	.0	.0	٠.	.0	-0	
61-77	.0	٠.	.0	•0	• :	• 5	٠.		.0	.0	٠.	.0	• • • • • • • • • • • • • • • • • • • •	.0	•0	
71-66	-0	٦٠	•¢	.0	•0	•6	-0		•₽	٠,5	.0	• 2	-c	•0	•0	
27+	• • •			•0	•0	•0	0				0	•0	**	.0		
101 PCT	1.6	12.6	5.1	- 1	• 2	٠.	19.4		1.1	5.7	1.4	•	•	•0	8.4	71.1

	FIAD	SPEED	(*15)	42 264	HE IGHT	(FI)		
H61	0-3	4-1C	11-21	22-33	34-47	48-	PCT	101 085
<1	14.5	10.6	.3	.2	٠.	.0	25.5	
1-2	3.7	27.7	5.8	.0	-0	.0	37.3	
3-4	-6	11.9	9.9		•6		22.4	
5-6	•2	2.4	6.3	.6	•	.0	9.5	
7	.0		2-1	.6			3.2	
8-4	.0	-1		. 3	•	.c	1.0	
10-11	• 0	.0		• 2		.0		
17	-0	.0		- 1	.0	.0	- 1	
13-16	•0	-0	•		•	ã.	• 1	
17-19	٠.	.0	.0	•	• 0	.0	•	
20-22	.0	.0		•	•	.0	•	
23-25	.6	.0	•0		.0	.0	•	
26-32	.c	.0	-0	.0	.0	-0	.0	
\$3-40	.0	-0	٠.	.0	.0	٠.	.0	
41-4A	٠.5	.0	.5	.0	.0	.0	.0	
49-60	.0	.0	.0	-0	-0	.0	.0	
61-70	•0	.6	.6	.0	.0	.0	.0	
71-8c	•0	.0	.0		.5	.5	•0	
47+	·c	.5	.0	.0	•0	.c	.0	
		•						18683
TOT PCT	19-1	53.3	25.3	7.2	- 1	•	100.0	

PE910	D: (0¥	(P-4L	. 194	9-1979					TPELE	17											
					PERCEN	I FRE	CUENCY	CF -4'	4E HE10	GHT EF	1) VS	444E P	30193	(56664	051						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	4-9	10-11	12	14-16	17-19	20-22	23-25	24-32	33-+0	41-48	49-60	61-70	71-86	874	TOTAL	MEAN
₹6	5.4	16.4	16.5	7.4	2.7	. •		- 1	-1	•		.0	.0	.0	.0		.0	-5	.0	29521	3
6-7	.2	2.4	7.3	7.0	3.2	1.1	.5	.1	-1	•	•	•	.0	.0	.0		.0	.0	.0	12853	5
8-4			2.6	2.6	1.5			-1	-1	•	•	.0	.0			-0		.0	.0	5110	5
10-11	.0		1.0	÷		.7	.:	•	•	•		•	.0	.0	.0	-0	.0	.0	-0	1956	•
12-13	.0	.0	. •	.5	. 3	- 1	•	•	•	•	.0	-0	.:	.0	.0		.0	.0	•0	1093	5
>13	. 5	•	-0			.1	-1		•	•	•	•	.0	.0	.0		.0	.0	-0	569	7
INDET	7.4	1.5	2.0	1.1	. 5	•5	-1	•	•	•	•	•	.0	.0	.0	.0	-0	-0	•0	7427	2
PCT	12.9	** . 4	30.1	20.3	3.8	3.2	1.5	.5		.1			.0		.0	-0	.0	.0	.0	100.0	

DER F	JAN	FEF	-10	IPP	PAY	JUV	JUL	*05	SEP	001	404	rec	124	PC1	
46.	.0	٠.	.0	.0	.0	•6	٠.	.0	• 2	.0	.0	.c	c	.0	
95/96	.0	٠.	.0	•	٠,	.0	٠٥.	•	.0	.0	٠.	.0	3	•	
93/94	.0		•	- 1	•	•	٠.	•	.0	•6	•0	•0	15	•	
91/92	. 1	. 1	. 1	.2		. 1	•2	• 2	- 1	- 1	•0	•	51	-1	
89/90	. 3	• 2	.7	1.5	1.0	.7	.5	.5	. 3	-2	. 1	•2	456	.6	
67/65	1-1	1.7	4.0	7.1	7.9	3.5	1.9	2.1	1.7	1.4	.6	• 6	2248	2.9	
85/65	5.1	• • 1	17.1	24.4	26. *	16.4	11.5	11.6	10.5	7.5	3.9	*-1	10020	12.5	
83/64	17.7	14.7	22.3	26.9	33.5	33.5	32.2	30.5	20.4	22.6	16.1	17.2	23112	25.1	
61/85	20.9	25.5	22.1	27.2	22.0	34.4	36.4	37.2	37.7	36.6	35.5	32.7	24755	30.7	
79/80	19.7	17.9	13.3	9.7	5.4	9.7	11.6	12.6	15.4	22.0	27.2	22.4	15310	15.4	
77/74	15.1	12.0	4.9	5.2	1.0	1.7	2.6	3.9	4.0	7.2	12.9	12.6	5391	6.7	
75/76	6.4	6.7	5.4	2.5	.7	.5	. 6	- 9	1.1	1.7	3.2	4.0	2404	3.0	
73/74	4.7	4.7	3.3	1.2	• 7	• 2	• 3		. 3	. 4		٠.5	1242	1.6	
71/72	7.4	2.1	1.5	. 3	. 1	-0	•	. 1	•	.2	• 2	1.0	523	.7	
69/70	1.2	1.5	· t	+2	•	• 5	•	•	•	- 1	. 3	. *	298	. 4	
67/64	. 6	. 6	. 1	. 1	٠,	.0	.c	٠,	.0	•	•	- 1	96	-1	
65/66	- 1	. 1	. 1	٦.	• 0	.c	.0	٠.	.0	.0	.0	.0	21	•	
63/64		- 1		٠,	٠,	.0	.0	٠.	.0	.0	.0	•0	8	•	
61/62	.0	.0	.0		.n	.0	.0	•0	.0	.0	.0	.0	ε	-0	
59/60	.0	.0	3.	.0	.r	-0	.:	.0	.0	.0	.0	.0	e	.0	
57/59	.0	.c	.0	-0	.0	•C	-0	•0	.0	.0	• 6	.0	٥	•0	
55/56	.0	.0	.0	.0	.:	.0	.0	.0	•0	.0	.0	• 5	0	.0	
53/54	•0	.0	•6	.0	.0	.0	٠.	.0	.0	•0	•0	•0	0	•0	
51/52	-0	.0	.0	.9	•0	-0	.0	.0	.0	·r	•0	• ?	ç	.0	
49/57	.0	.с	.0	.0	. 2	.0	-0	٠.	.0	-0	•0	• ?	C	٠0	
47/43	.c	.с	.0	.0	٠.	.0	.5	.0	.0	-0	.0	.0	0	•0	
45/46	٠.	• n	.0	.0	.0	-0	-5	- 0	٠٤	•0	.3	• 0	0	.0	
43/44	.c	• • •	.0	٠.	• • •	.c	٠.	-0	-0	٠.	.0	.5	9	•6	
41/42	.0	• 2	.0	.0	• ?	•0	.6	•0	.0	٠.	.0	.0	0	•0	
39/40	.0	• 6	.0	.0	•0	•0		.0	.0	-0	٥.	٠.	0	•0	
37/38	-0	. c		*0	•0	.5	.5	.5	• 5	•0	.0	•0	0	.0	
35/36	.0	.0	.c	٠.	٦.	.0	-0	-0	• 0	-0	.:	.0	5	-0	
33/3=	.c	.0	.0	-0	•0	·ŗ	.0	.0	-0	.0	.0	.0	0	•0	
31/32	.0		٠.	•0	٠.	٠0	-0	.0	.0	.0	.0	.0	c	٠.	
29/30	.0	.0	.0	-0	.0	.0	.0	٠.	.0	.0	.0	•0	0	•0	
27/2*	-0	.0	.0	.0	·°	٠.	•C	•0	• 0	.0	.0	•0	9	•0	
<27	-0	.0	.0		٠,	.0	.с	.0		.0	-0		0		
TOTAL	£493	632*	6943	6583	7300	6571	6819	6781	6622	6593	6684	625C	40003	100.0	
PEAY	90.2	80.2	61.5	82.4	43.7	82.9	82.4	47.3	62.1	81.5	89.7	50.4	-1.7		

# TABLE 21

#### PRESSUPE 1P6

			44	ERAGE	87 HOU	2 (64)	1)			10131
۰0	2002	9336	0430	0.00	1200	1500	1000	3100	-CTA	0.5
JAN	1015	1011	1611	1000	1011	1012	1011	1009	1011	6551
FE+	1009	1012	1011	1010	1010	1012	1011	1010	1011	4395
PAD	1039	1013	1511	1009	1010	1511	1011	100*	1010	7649
177	1009	1010	1011	1009	1010	1611	1311	1009	1310	6798
PAY	1009	1010	1211	1709	1010	1011	1011	1000	1010	7317
JUN	1010	1011	1011	1010	1010	1011	1011	1010	1011	66.44
JUL	1017	1011	1011	1010	1011	1011	1011	1010	1011	7062
AUC	1010	1011	1011	1010	1011	1211	1011	1010	1011	6915
SEP	1012	1011	1911	1010	1010	1012	1011	1010	1011	6693
130	1015	1111	1511	1509	1011	1011	1011	1004	1011	6507
NOV	1010	1011	1011	1009	1011	1511	1011	1004	1011	6554
DEC	1010	1011	1011	1769	1011	1011	1011	1009	1011	5435
14.5	1015	1011	1211	1009	1011	1211	1011	1029	1911	41310
					10000	1447	16076	1447		

### PERCENTILES

۳3	~I·	12	51	753	202	753	957	441	-41
JAN	40	1004	1007	1009	1011	1017	1040	1014	1055
FEB	443	1004	1007	1000	1011	15.2	1510	1016	1023
244	447	1004	1007	1^0+	1010	1012	101-	1715	1023
400	997	1034	1007	1000	1515	1017	1013	1015	1021
MAY	***	1004	1007	1009	1510	1017	1213	1015	1021
JUA	1000	1004	1004	1-1-	:011	1017	1214	1015	1022
JUL	494	1005	1008	1010	1011	1012	1014	1015	1023
AUS	994	1005	1008	1010	1011	1012	1013	1015	1650
SEP	997	1006	1008	1610	1011	1012	1013	1015	1014
001	1000	1006	1000	1010	1011	1012	1013	1015	1051
KCY	998	1005	1008	1604	1011	1612	1013	1015	1020
		1005	1007	1009	1011	1012	1010	1016	1023

PER100:	(PPIMARY)	
	COVER-ALL )	1457-1979

TABLE 1

AREA GOIL PUNTE BURICA 7.6% 63.0%

PEPCENT	FREQUENCY	OF MEATHER	OCCURRENCE	SY AIRD	DIRECTION

					• • • • •							••-			
			,	RCCIPI	14110	TTPE					0146	MENTHER	PHEND	MENA	
##D D18	RAIN	PAIN SHER	DRZL	FRZG PCPN	5406	OTHER FRZM PCPL	HAIL	PCPM AT OB TIME	PCPN PAST Hour	EMDR LING	FOG WO PCPN	FGG WG PCPA PAST HP	SHOKE HAZE		
k		.2	. 4	.0	.0	•0	.0	1.2	.,		. 7	.0	.1	•0	94.2
NE	. 7		. 1	٠.	.0	.0	.5	1.4	.1	.5	. 3	• 5		- 1	46.2
(		. 5	٠.٥	.0	.0	.0	.0	1.1	.4	1.5	.2	•0	1.1	.0	95.6
36	2.1	. 1	- 1	.0	.0	.0	.0	2.5	2.5	1.5		٠.		٠.	#3.2
5	1.3	2.0		.0	.0	•0	.0	3.9	3.9	1.2	- 1	٠Č	. 3	٠.	90.6
Š.	1.4	1.5			.0		•0	3.3	2-1	1.2	-1	•0	. 3	.0	+2.+
	.7	1.2	.6	.0		.0		2.5	1.0	1.1	. 3	-0	.2	• • •	74.1
AW	.5	.,	. 5	.5	.0	.0	.0	1.6	2.3	1.0	.2	• C	. 1	-1	94.7
VAR	.0	.0		.0	.0	.0	٠Ċ	.0	.0	.0	.0	٠Č	.0		.0
CALM	.3	.5	.5	.0	.0	•3	.0	1.1	2.0	1.1	.0		.5		15.6
101 PC1 101 025:	.6 .5:1	٠,	••	•0	•0	•0	.0	2.1	1.6	1.0	.3	э.	.•	•	44.5

TABLE 2

# PERCENT FREQUENCY OF MEATHER OCCURRENCE BY HOUR

						CWCCMI		MCT OF BE	AINER OLLUR	ME ALC	W. WOO	•			
			,	RECIPI	TAT10	K TYPE					OTHER	BEATHER	PHENO	HEMA	
16#11	PAIN	SHER	ORZL	FAZG PCP4	5404	OTHER FRZN FCPN	PAIL	PCPN AT OB TIME	PCPM PAST HOUR	THOR 1 THG	FOG WO PCPM	FCG WO PCPM PAST HF	SHORE	SPRAY BLAG DUST BLAG SAOW	
00603 06609 12615 18621	1.3 1.2 .5	.\$ 1.5	.1	.0	.0	.0	.0 .0	1.0 2.1 3.3 1.6	.7 1.9 3.4 1.2	2.5 1.0	.1 .1 .3	.0 .0 .0	.4 .7 .3	.0	96.7 92.7 91.7 96.1
101 PCT 101 OLS:	6779	.•	••	.0	.0	.0	.0	2-1	1.8	1.0	.3	•c	••	•	94.4

# TARLE 3

# PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

				PERC	EMIAGE	FREGUL	NCY OF	WIND	DIRECTIO	M BY SPI	CCD ANI	9 84 H	904				
		-1	AD SPE	ED 144	etsi								MOU#	(5#1)			
-#D DIR	0-3	4-10	11-21	22-33	34-47	45-	TOTAL		-MEAN SPO	36	05	EL	30	12	15	1.0	21
	1.7	6.9	2.0	-1	.0	-0		10.7	7.9	5.2	5.8	8.0	10.6	10.7	7.6	12.7	7.0
2.€	1.6	4.7	3.1	• 2	.0	.0		11.7	8.6	6.2	2.5	7.3	8.5	17.3	8.6	15.6	10.2
C	1.3	3.7	.,			.0		6.0	7-1	3.0	4.7	5.0	3.0	7.4	4.1	8.3	5.7
š£	1.2	2.4	. 3	.0		-0		4.4	5.6	4.4	2.3	4.9	2.4	3.9	4.8	4.6	5.1
5	1.7	4.9		.5	.0	.0		7.0	5.9	10.5	9.3	#.2	6.6	3.8	7.0	5.9	7.9
54	2.3	4.4		.0		.0		11.7	6.1	19-0	16.0	13.0	13.3	7.3	2.1	8.7	10.8
•	4.4	10.0				.0		24.6		39.5			27.4	18.4	27.6	19.4	29.9
hb	2.3	10.2						13.6		10.8	17.6	12.4	17.9	15.1	17.9	14.3	14.2
VAR	.3					.0		.0		. 3				.0	-0	.0	.0
CALM	10.3							10.3		6.5		16.2		7.7	4.4	10.5	7.0
101 005	2006	4692	815	24	1	0	7536		6.2	1687		1343		1710	181	2063	257
101 PET	24.6							100.0					100.0				

TABLE 3A

-40.DIR	0-+	514D 7-16	SPEED 17-27	(##015) 28-40	•1•	TOTAL	PCT	REAL	co	56	12	18
						085	FREQ	200	23	69	15	21
*	4.7	5.5	• >	•	.0		10.7	7.9	5.2	4.3	15.8	12.3
46	4.5	6.2		•	٠.		11.7	5.6		7.4	16.5	15.0
£	3.2	2.7	-1	•	.3		6.0	7.2	3.1	4.7	7.3	4.1
ŠE	3.0	1.3	•	.0	-0		4.4	5.6	4.2	4.6	4.0	4.6
Š	4.4	2.1	- 1	-0	-0		7.0	5.7	10.4	8.0	4.1	4.1
Sw	7.7	3.9	- 1	-0			11.7	4.1	18.4	13.1	7.5	8.7
*	19.5	10.0	-1	.0	.0		24.6	4.5	34.6	25.4	19.5	20.5
No.	7.8	5.8	-1	× •	.0		13.6	6.6	11-2	13.1	15.0	14.3
VAR	.0	.0	-0	.0			.3	.0	.0	-0	.0	.0
CALM	10.3						10.3	.0	4.5	15.4	7.6	10.1
101 055	4540	2828	1+1	7	ړ	7536		6.2	1786	1537	1871	2320
TOT PCT	43.5	37.5	1.0	-1	٠.		100.0		100.0	100.0	100.0	100.0

JANUARY

PERIOD: (PRIMARY) 1949-1979 (OVER-ALL) 1657-1979

TABLE 4

AREA 9011 PUNTA BURICA 7.6M 83.0d 

PRACENTACE	FREQUENCY	ΔF	MIND	SPEED	 MOHE	1 CMT 1

				#143	SPEED E	KMOTS)			PCT	TOTAL
HOUR	CALM	1 = 3	4-10	11-21	22-33	34-47	44+	HEAM	FREQ	085
00603	4.5	16.5	68.7	8.0	.2	.0	.0	6.1	100.0	1788
96609	15.4	15.9	56.1	12.0	.5	-1	.0	5.8	130.0	1537
12615	*	13.0	62.7	13.4	. 3	.0	.0		100.0	1891
14621	10.1	16.6	63.7	10.1	. 3	.0	.0	6.0	100.0	2320
101	774	1232	4690	815	24	1	۵	6.2		7534
	10.7	14 1	49.9	10.4		_			100 0	

TABLE 5

TABLE 6

•	PCI FRE					EIGHTHSI		- 1					CEILIM					
			T win	D U1#EC	TION					AND OC	CURREN	ICE OF	4H (5/	8 27 E	.1mD D1	1966111	D14	
						MEAN												
MND DIR	0-2	3-4	5-7		TOTAL	CLOUD	000	150	300	403	1000	2000	3500	SOCC	4500	80000-	NH <578	TOTAL
				OBSCD	085	COAE	149	299	599	***	1999	3499	4959	4499	7999		ANY HGT	CBS
	5.0	2.2	1.0	.5		2.5	•	.0	-1	.3	.5	•2		. 1	•	-1		
ME	6.6	2.3	1.4	.6		2.6	•	.0	•	•2	-5	-2	-1	•	•	•	10.3	
E	3.1	1.6	1.3	-1		2.9	.0	.0	-1	.2	.2	-1	•	.0	•	.0	5.7	
SE	1.6	1.0	1.4			4.0	•	•	-1	.3	-3	-1	.1	•	.0	•	3.6	
5	7.3	1.6	2.1	1.1		4.2	•	•	-1	.5		• 2	•	•	.0	+2	5.5	
SW	3.7	2.7	4.1	1.4		4.2	-1	•	-1	.7	1.3		-1	•	.0	•	<b>*.1</b>	
	9.0	6.6	7.5	2.0		3.7	.1	•	•2	1.3	1.6		.3	•	. •	•	20.4	
NU	4.8	4.1	3.4			3.5	-0	•	-1	.5	.7	.3	•1	•	•	•	11.2	
VAR	.0	٠0,	.0	.0		.0	-0	.0	0	• D	-0	.0	.0		.0	.0	-0	
CALM	5.0	3.0	2.4			3.1	•	•	-1	. 4	.6	•2	- 1	•	•	.0	9.5	
101 085	2129	1314	1356	387	5186	1.5	15	5	44	224	342	134	50	17		12	4339	5166
TOT PET	41.1	25.3	26.1	7.5	100.0		.3	-1		4.3	6.6	2.6	1.0	- 3	-2	•2	83.7	100.0

TABLE 1

# CUMULATIVE PCT FREQ OF SIMULTAMEOUS OCCURRENCE OF CEILING MEIGHT (WM >=/8) AND VSBY (MM)

					AZBA (#4	13			
	CEILING	= 08	= 08	= OR	= 04	= 08	= OR	= CR	2 GR
	(FEET)	>10	>\$	>2	>1	>1/2	>1/4	>5010	>0
= 0	R >4500		.4			.4			.4
= 0	4 >5000			.7	.7	.7	.7	.7	.7
= 4	R >3500	1.6	1.6	1.4	1.0	1.6	1.4	1.6	1.6
= 0	R >2000	3.8	4.1	4.1	4.1	4.1	4.1	4.1	4.1
= 0	R >1000	7.7	10.5	10.4	10.6	10.6	10.4	10.6	16.4
= 0	R >600	13.5	14.6	14.9	14.9	14.9	14.9	10.0	14.9
= 0	00EC 96	19.2	15.5	15.7	15.7	15.8	15.6	*5.4	15.4
: 0	R >150	14.3	15.5	15.8	15.8	15.9	15.7	15.9	15.9
: 0	R > 0	14.4	15.8	16.1	14-1	16.1.	16.2	16.2	16.2
	TOTAL	777	141	845	867	869	870	670	870

TOTAL NUMBER OF DES: \$382

PCT FREO MM 45/8: 83.8

TABLE 7A

### PERCENTAGE FRED OF LOW CLOUDS (EIGHTHS)

1014 100 085		7	•	\$	•	3	2	1	8
. 2 570	 2.4	1.1	4.7	4.5	.,	10.4	22.3	22.6	15.0-

PLFIOD: (PEIMARY) 1949-1979 (DVER-ALL) 1557-1979

TAPLE 6

AREA CO11 PUNTA BURICA 7.04 83.04

ALC: 1	337-14/4												•
		,	CRCCAT	FREQ C	F wind	71RE	CTION	AZ OCC	URPENCE ALUES	OR N	OM-OC	URRENC	e or
4564 (144)		H	×E	£	SE	s	\$¥	ĸ	4.	AVB	CALM	PCT	101+L 025
110713	PCP			.0	.0	.0		•	.0	.0	.0	-1	
	AD PEP		•0	.0	.0	.5	.0	.0	.0	.0			
<1/2	101 1	.5	••	.0	.0	ä	••	••	:5	.0		:1	
	PCP		.2	.0	•	.0	.c	.0	.0	.0	.0	•	
1/2(1	NO PCP	.0	-0	.0	.0	.0	٠.	-0	.0	.0	.0	.0	
•	101 1	•	.0	•0	•	.c	.0	٠.	.9	.0	-0	•	
	PCP	•	•D	.0	•	•	•	•	.5	.0	.0	-1	
1<2	NO PEP	.0	•0		.0	•	.0	.0	.0	-0	-0	•	
	101 1	•	-0	.0	•	•	•	•	.0	.0	.0	-1	
	PCP	. 9	•	.0	.0	•	•	-1	•	.3	.0		
245	NO PCP	•	•	- 1	. 3	.0	•	• 1	-1	-0	-0		
	101 1	•	- 1	• 1	.0	•	- 1	•2	.1	-0	-0	.5	
	PCP	•	-1	•	•	-1	-1	-1	-1	٠.	•		
5(13	HO PCP	- 8	.7	-2	.3	. 3	. 6		.7	.=	.5		
	101 :	.•	.7	•2	. 3		- 8	1-C	-4	.0	.5	5.4	
	PCP .	- 1	•	-1	-1	.2	•2	- 3	-1		. 1	1.1	
10+	NO PCP	*.3	16.8	6.0	3.4	6.2	10.7	22.5	13.0	.0	*		
	101 1	9.4	10.8	4.1	4.0	6.5	11.0	23.2	13-1	.0	4.7	93.7	
	tot dás												40!0
	101 PC1	10.3	11.7	6.4	4,4		11.6	24.4	14-0	-0	10-2	100.0	

TABLE .

			•	PERCENT	FREQ FITH VI	OF EI	ATFRE DIS	CCITOR CCITOR	ISICIL:	KO SPE Liv	€0		
V587	5PD #15		*E	£	SE	\$	\$ <b>=</b>	٠	Air	VAR	CAL#	PCI	TOTAL
• • • • •	3-3	-0	•	ع.	.0	-0		-3	.0	.0	.0	•	
<1/2	4-10		•	•		•	•	-0	-0			.1	
	11-21		.0	-0		.0	.5		-0	.0		•	
	22.		.0		.c	.0	3.	.0	.0				
	101 1	.5	•	•	.0	•	•	•	-0	•0	.0	-1	
	0-3	.5	.0	.5	-0	-0	.0	.с	-0	.0	.0	.0	
1/2(1	4-13	•	.0	.0	•				-0	.0		•	
	11-21	.0	٠.	.0	.0	-0	.0	-0	-0	-0		•0	
	22.	.5	.3	•0	.0	.0	٠.	•0	.0	٠.		.0	
	101 2	•	•3	•D	•	.0	٠.	.0	.0	.0	-0	•	
	6-3	-5	.0	.c	.0	.0	-5	•	.0	.0	.0	•	
1<2	4-10	•	-0	•0	•	•	•	•	•	.0		- 1	
	11-21	-0	-0	-0	-0	٠.0	.0	-0	-0	-0		.0	
	22+	.0	-0	-0	-0	-0	.0	•	.0	-0		•	
	101 1	•	.3	-6	•	•	•	•	•	•0	.0	•2	
	C-S	-0	•	•	•	•	•	•	•	.0	•	•2	
245	4-10	•	-1	•	•	•	•	.1	- 1	-0		. •	
	11-21	-2	.c	.0	.0	.0	•	•	•	.5		-1	
	22•	.0	-0	-0	-0	.0	.0	٠.5	-0	-5		.0	
	101 3	•	-1	-1	•	•	-1	-2	-1	-0	•	. 7	
	C-3	-1	-1	- 1	-1	-1	-1	.3	-2	-6	-5	1-6	
5<10		-6	• •	-1	-2	•2		. 6	-5	.0		3-1	
	11-21	-1	•2	•	•	- 1	-1	-1	-1	.0		.7	
	22•	-0	.0	-0	•0	-0	-0	-0	-5	.0		.0	
	101 \$	- 4	.7	•2	•3	••	.7	.,		•0	•\$	5.5	
	C-3	1.5	1-5	1-2	1-1	1-6	2.2	3-9	Z.0	-0	4.8	24.7	
12.	4-10	6.1	b.3	3.4	2.6	•.5	8.C	17.2	9.7	-0		58.2	
	11-21	1.7	2.9	- •	-3	••	.7	2-1	1.2	.0		10.3	
	22+	-1	•2	•	.0	.0	•5	-6	•	.0		. 3	
	101 2	*.6	10.0	5.5	3.9	b.5	11.0	23.2	12.9	.0	7.8	93.6	
	TOT 095												4423
	TOT PET	10.4	11-7	4-2	4.3	7.0	11.4	24.4	13.9	.0	10.3	100.0	

JANUART

PERIOD: (PRIVARY) 1944-1974 (OVER-ALL) 1857-1974

TABLE 10

AREA OCII PUNTA BURISA 7.6% 83.02

# PERCENT FREQUENCY OF CEILING MEIGHTS (FEET, NM 34/6) AND OCCURRENCE OF NM 45/6 BY MOUR

HOUR (GHT)	149	150 299							6500 7999		TOTAL	AH 45/8 ANY HGT	
00603	-1	-1		3.7	5-2	2.2	.•	.3	.c	.2	13.3	44.7	1+36
96609		-1		4.9	6.7	3.1		-2	.5	.5	18.4	•1.6	1100
12615	-1	•1	1.2	5.1	7.2	2.6	1.1	.1	-1	.1	17.7	42.3	1465
16621	•\$	•1	.7	3.0	5.9	2.0		.4	- 1	•5	13-6	61.4	1652
101	16	5 •1	47	232	352 0+2	137	53	14 • 2	.1	13		4279 64.5	5454 100.0

TABLE 11

TABLE 12

		PERCENT	FREGUEN	C+ VSE1	(NR)	PY #688		CUMULAT					¥527 :493 8400 ¥8.1	
HOUR (5#1)	<1/2	1/2(1	1<2	245	5(10	10-	TGTAL	HOUR EG#11	<150 <5010	<600 <1	<1500 <5		AH (5/4 IND 5*	TOTAL 093
00103	-1	.1	•2		4.5	*4.8	1704	26103	-1	1.0	4.4	9.2	46.0	1362
C6669	. 3	-1	.5		6.3	92.3	1444	26135	.,	1.9	7.4	12.2	45	1050
12615	-0	.5	.0	1.3	6.3	92.4	1745	12615	.1	1.5	7.4	11.3	61.3	1.01
16621	-1	.5	•	.5	5.4	93.9	21-8	14621	.3	1.0	***	9.7	85.4	1569
101 PC1	.7 .1	2	11 •2	49	396 5.6	4626	7091 100.5	101 PC1	15	70 1-3		563 20-5	+502 93.4	5362 120.0

TABLE 13

14816 14

	PERC	ENT FR	Eeu£sc	T OF 8	CLATIV	E HUMIC	217 6	T TERP	TOTAL	PCI		PERE	Eul Le	EGUENC	+ cf .	1=0 01	8ECT10	% at 1	[##	
TERP F	5-20	30-39	42-49	50-59	40-69	75-79	80-84	40-150		TATO	*	46	٤	32	5	\$#	•	**	FAR	CALM
95/99	.0	•	-0	•	-0	.0	.0	-0	3	-1	•	•	.6	.0	.0	.5	•	•	-8	.c
40/94	.0	.0	•	•2	.5	•2	- 1	•	54	1.0	-1	-1	•2	•	•	-1	-1	.2	-0	-2
45/89	.0	.0	•	.7	4.2	5.5	.,		467	11.4	1-1	1.7	1.1		.7	1.1	2.7	1.6	.0	1.0
80/84	.0	.0	•		7.8	33.8	22.2	4.3	4254	70.7	7-7	6.1	4.2	2.4	4.4	4.2	17.4	4.5	.5	7.3
75/79	.0	.0	.0	.0	. 3	4.4	6.0		919	16.2	1.4	1.1			1.3	2.2	3.4	2.2	-0	1.4
70/74	-0	.0		.0	.0	•		•2	14	.2	•	-1	•	- 0				•	-0	-1
TOTAL	0	1	4	ė š	840	2493	1770			102.0										
PET	.0	•	-1		14.8	44.0		4.3			16.3	12-0	4.4	4.5	7.0	11-4	24.4	13.4	-0	15

TABLE 15

TABLE IN

	*E4%.	C274C#1	S AND	PERCEN	TILES	or 16	4> (DE	6 F1 E	SUCH T		PE90	ENT FRE	006461	CF AELS	TIVE M	#1017#	<b>\$</b> T HÇUI	•
HGUR (SMI)	PAZ	992	952	501	51	12	FIR	METR	101st C85	45JA (6~1)	0-20	30-59	45-49	70-79	85-89	45-160	REAL	TOTAL
20103	92	47	85	62	79	77	70	41.8	1649	00603	.0		11.2	50.7	30.6	4.4	74	1475
04469	47	85	8.3	41	77	75	73	80.5	1425	CALES		-3	4.3	40.4	42.7	12.0	28	3175
12615	97	46	63	80	77	75	49	40.3	3944	12515	.7		7.1	40.4	37.3	12.0	80	1521
18821	45	+2	87	45	79	76	68	43.5	2370	14621		3.4	20.1	44.2	14-0	4.9	74	1738
101	77	90	86	41	78	75	4.5	41.7	7777	101	0	*3	245	2627	2545	492	78	5904

YEAUPAL

PERIOD: 104ER-ALL: 1963-1979

TAPLE 14

				20	7 ****	F WIND	SPEED 18	TSO AND DIREC	7107	tesus s	EA MEIS	MTS (FT)	1	
											41			
457	1-3	9-10	11-21	22-33	34-47	41.	PCT	1-3	4-10	11-21	22-33	39-97	484	*61
<1	1.1		3.	.5	.0	.5	1.7		1.4			.5	3.	2.1
1-2	.7	3.0	.7	.5	-9	.0	5.4		5.1	:.0	-5	-0	٠.	4.5
3-4	-0	1.3	.7	-0	.0	.0	2-1	-0	1.2	1.0	-1	-8	-0	3-1
5-6	.5	-1	•2	-1	.0	.0	.4	-8	-1	.5	-3	.0	.6	1.3
7	-¢	٠.		.0	.0	-0	-0	•0	.3	-1	.0	.0	.0	-1
1-9	-5	-0	.0	.0	.0	-0	.0	•0	.3	-1	.0	-5	-0	-1
10-11	-0	•0	-0	.0	.0	-0	-0	.0	-0	.9	-0	.5	٠.	.9
12	-0	•0	-5	-0	-5	.0	-0	-0	-0	.0	3.	-0	-8	.3
13-10	-0	-0	٠.	•	.0	.0	•	-0	٠.	.0	•	-6	-0	•
17-15	-0	-0	.5	.0	.0	-2	-5	-0	٠.	.9	-0	-0	٠.	.0
30-55	-5	-5	.0	ء.	-0	.0	-0	-0	-6	.5		<b>.</b> c	-0	٠.
23-25	-0	٠.	.0	٠.	.0	.0	-5	-0	-5	.0	-0	.0	٦.	-5
24-32	-5	-6	-5	-6	.0	-0	-0	-0	.2	-5	-0	ء.	э.	.0
33-40	-0	-0	.5	-0		.0	•0	•0	.5	.0	.0	-5	-0	.0
41-42	-0	-0	-5	.0	.0	.0	-5	.0	٠.	-0	-9	-0	٦.	••
61-75	-3	.0	.D	.0	.0	-0	•0	-0	-5	.2	<b>.</b> t	-5	-6	٠.
71-84	•0	3:		.5	-6	•5	-2	.0	٥.	.0	.0	٠.5	-6	.0
47-	•0	:5		.5	-0	.c	.c	.c	.0	.5	g. g.	-0	.D	
101 751	1.0		1.7				•.5	.,	7.7	3.6		.5	3.	12.4
		•••	•••	-	•••			••	•••	,	•	••		•••
WET			11-21	22-33	39-97						3E 27-33	<b>.</b>		
<1	1-3	4-10	11-21	22-33	34-47	-8-	PCT 1.5	1-3 -5	4-10	11-21		34-47	*6- 3.	PC1
1-2	:3	2.6			-0	-0	3.0	.;		::	::	-8		1.0
3-9	::	4.7	::	::	-0	-0	1.2	::	1	:5		.5	.5	
5-6	::	::	::	::			•.;	:5	::	::	-5	::	3:	:1
7,0	.0		~;		ů.		**		::		.5			::
			٠.		.0	.0	.0		::	::	:3	.5	3.	::
10-11	-0	.5		.1	.0		.1		.5			.5		
12			3.	3.		-6	.,5		3.	.5	.0			.5
13-16	.5	.8	.0	.0	-5	-0	.5	.0	.0	.0		.õ	ä.	.0
17-19	.c	.0		.=	-0	.0	.0	.0			.0	-0		.0
25-22	.3	.0	.5	-0	•6	.0	.0	.0	-0	.0	.0	-0	-5	-0
23-25	.2	.0		-0	-0	.c	.0	.0		-5	-5	.5	.5	
26-12	.5	.0	.0	٦.	-0	.0	.0	-6		-5	٠.0	-0		-0
33-45	.0	.5			.0	.0	.0	.0	. 5	.0	-0	.0		.5
-11	.0			.0	-0	.8	.5	-6	••	.0	.5	.0	-0	.0
9-45	.0	.6	.5	.3	-3	.2	.0	٠٥.	-0	.0	-6	.0		.5
+1-70	.c	٦.		ع.	•0	.0	.0	.0	.0	-5	-0	.:	-5	-0
71-66	-0	-5	.0	.¢	-6	.0	-5	-0	-6	.0	٠.c	.:	.0	-0
87-	-0	-0	.0	.0	•0	.0	.0	-6	٠.	-0	-0	-0	٦.	.0
101 PE1	1.1	4.3	.7	-1	•0	-6	6.1	. •	2.7	- 3	.0	.0		3.8

PERIODI (OVER-ALL)										JANUARY							
MGT 1-3 %-10 11-21 22-33 34-97 %8. PCT 1-3 %-10 11-21 22-33 34-87 %8. PCT (1 1.0 1.9 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	PERIODI	COVE	r-ALL)	1963-1	979				TABLE	18 (CONT)				AREA			
MGT					PC	T FREQ 0	F WIND	SPELO	(RTS)	AND DIREC	TION '	VEPSUS S	EA HEIG	HIS (FT	,		
C1																	
1-2												11-21		34-47			
3-4							.0						٠.				
\$										. 4			٠.				
### 10					.0	•0	.0			- 1	1.2	. 3	.0	.0	.0	1.6	
10-11   0							.0	- 1					.0	.0			
10-11							•0	.0			.0	.0	.0	.0	•0	•0	
12-					.c	.0	•0	.0		.0			.0	.0	.0	•	
13-16			.0	.0	•0	.0	٠.	.0		٠٥.	.0	.0	.0	.0	٥.	.0	
27-19			•0	.0	•0	.0	٠.	.0		.0	.0	•0	.0	.0	.c	.0	
20-22	13-16	٠.	.0	.c	.0	.0	.0	.0		.0		.0	.0	.0	.0	•0	
20-22				.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	
24-32		.0	• ^	•0	.0	.0	.0	.0		•0			.0	.0	•C	• 3	
33-80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	23-25				.0	.c	.0	.0		.0	.0	.0		.0		.0	
**************************************		.0	.0		.0	.0	.0			.0	٠.	.0	.0	.0	.0	.0	
##-60	33-40	.0	.0	.0	.0	.0	.0	.0		.0	. 0	.0	.0	.0	•0	.0	
61-70	41-48	.0	•0	.0	.0	.0	.0	.0		.0		•0	.0	.0	.0	.0	
71-86	49-60	•0	•0	.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	•с	•0	
TOT PCT 1.6 4.7 .3 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	61-70	.0	.0	.0	.0	.0	•0	.0		•0	.0	•0	.0	.0	.0	•0	
### -0	71-86	.0	.0	.0	.0	.0	.0	.0		•0	.0	.0	.0	.0	.0	.0	
HOT 1-3 4-10 11-21 22-33 34-47 48+ PCT 1-3 4-16 11-21 22-33 34-47 48+ PCT 1-3 4-16 11-21 22-33 34-47 48+ PCT 1-3 12-3 12-3 12-3 12-3 12-3 12-3 12-3	47+	.0	.0	.0	.0	·c					• 0	.c	.0				
Moff   1-3	101 PC1	1.6	4.7	•3	.0	•0	•0	6.6		1.5	8.7	.5	•0	.0	•0	10.6	
Moff   1-3					u												10141
C1 1-3 4:4 10 0 0 0 0 0 5.7 1.1 2.6 .0 0 0 0 3.7 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2	184	1-1	4-10	11-21		14-47		PCT		1-1	h = 1 f.	11-21		36-67		907	
1-2 1.3 12.3 1.2 0 0 0 10 14.7 6 6.9 .7 .0 .0 0 6.2 2.2 3-8 .0 10 14.7 16 6.9 .7 .0 .0 .0 6.2 2.2 5-6 .0 1.2 1.2 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0																	
3-8																	
5 - 6																	
7																	
8-9																	
10-11																	
12																	
13-14																	
17-17																	
20-22																	
23-25																	
24-32																	
33-40																	
\$\begin{array}{cccccccccccccccccccccccccccccccccccc																	
49-60																	
41-70 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0																	
71-84 +0 +0 +0 +0 +0 +0 +0 +0 +0 +0 +0 +0 +0																	
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0																	
101 PLI ZAY 1945 ZAU -0 -0 -0 7845 147 1145 147 40 40 40 1848 8843	TOT PCT	2.9	19.5	2.0		ě	.5	24.5		1.7	11.5			.ö		14.4	44.3

	WIND	SPEED	(KTS)	NS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCT	101
<1	19.8	14.8	.1	.0	.0	.0	34.7	
1-2	5.5	38.6	4.2	.0	.0	.0	48.3	
3-4	.5	9.2	4.3	. 1	.0	.0	14.1	
5-6	•0	1.1	1.0	. 4	.0	.0	2.5	
7	.0	.1	.1	.0		.0	.2	
4-9	.0	.1	.1	.0	.0	.0	.2	
10-11	•0	•0	.0	- 1	.0	.0	.1	
12	.0	.0	.0			.5	.0	
13-16	.0	.0	.0	. 1	.0	٠.٥	•1	
17-19	.0	.0	.0	.0	-0	.0	.0	
20-22	•0	.0	.0			.0	.0	
23-25	• 0	.c	.0			.0	.0	
26-32	•0	.0	•0		.0	.0	.0	
33-40	.0	.0	٠.	. Ď		.0	.0	
41-48	.0	.0	.0	.0		.0	.0	
49-60	.0	.0	.0	,0	•0	.0	.0	
61-70	•0	2.	.0			.0	.0	
71-86	, Č	.0	.0				.0	
87+	.c	.0						
	- •							1697
TOT PCT	25.9	63.7	9.9	.5	.0	.0	100.0	

PERIO	D: (04	E11-ALL	.1 194	9-1979	,				TABLE	19											
					PERCENT	FPE	PUENCY	OF WA	VE HEI	GHT (F	T) YS	MAVE PI	ERIOD	CSECON	05)						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-46	49-60	61-70	71-86	87+	TOTAL	MEAN HGT
< 6	12.1	27.4	14.7	3.3	•5	. 3					.0	.0	.0	.0	.0	0	.0	.0	.0	2678	2
6-7	.3	3.2	5.4	2.6	.4	• 5	.1		•		.0	.0		.0	.0	.0	.0	• 0	•0	556	3
8-9	• 1	1.0	2.2	1.4	. 6	. i	.1	.0	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	254	
10-11	.0	1.4	1.0	.3	•1	- 1	. 1	.0	.0	.0	.0	.0			.0	.0	.0	.0	.0	137	3
12-13	.0	.0	. 9	. 5	•		.0	.0		.0	.0	.0	•0	.0	.0		.0	.0	.0	45	
>13	.0	•		• 1	.3		.0	.0	.0	.0	.0								.0	21	
INDET	12.6	3.1	2.0	. 9	•1		.0				.0	.0	.0	.0	٥.	0	.0		.0	861	1
TOTAL	1149	1653	1202	408	96	39	12	5	•	3	ì	ă	Ď		ă	Ö	Ō			4572	2
9.01	25.1	14.2	24 . 8	4 4	2.1	. 0	. 1	,	. 1			č			ō	. Ā			Ā	100.0	_

FEBRUARY

PERIOD: (PPIMARY) 1949-1979 (CYER-ALL) 1861-1979

TABLE 1

AREA ODIL PUNTA BURICA 7.6% 83.00

PERCENT	FREGUENCY	OF	WEATHER	OCCURRENCE	BY	LIND	DIRECTION

					-										
			2	RECIPI	OITAL	N ITPL					OTHER	WEATHER	PHENO	MERA	
END DIR	RAIN	EAIN SHER	CRZL	FR2G PCPN	SHOW	OTHER FRZN PCP4	HAIL	PCPN AT	PCPH PAST HOUR	THOR LING	FUG NO PCPN	FCG WG PCPH PAST HC	SPOKE	SPRAY ELWG DUST BLWG SNOW	
1.	• 2	. 8	.6	.0	.0	.0		1.3		1.5	. 8	.0	1.0	.0	95.1
NE.	• 2	. 7	. 1	.0	.0	.0	.0	1.0	•	1.0	.2	.0	1.3	.0	96.4
ε		1.5	٠.	. 0	.0		ú	2.2	1.2		. 8	٠.	1.0	.0	94.0
š¢	1.3	1.9	. 5	.0	.0			3.7	1.7	1.7	. 5	• C	. 4	•0	92.5
š	1.0	.,	. 4	.0	.0		. C	1.9	1.5	- 6	.0	.0	2.4	.0	93.5
Šъ			.0	.0	.0		.0	.4	1.5	1.6	.0	-0	. 6	.0	95.9
ž-	.2		.2	•0				1.0	1.5		.2	• C		.0	95.8
Ň	1.0	1.1	.3	.0	.0			2.3	1.2	1.5	. 5	•0		.1	93.5
VAR		٠.,			.0		3.				.0	• C	.0	•0	.0
GALH		.5	.3	.0	.0		.0	1.5	1.3	1.6	.1	٠.	. t	.c	94.8
101 PC: 101 OLS:	. 5 6256	.6	•5	•0	.0	-0	•	1.5	1.2	1.2	.3	-0	1.0	•	94.9

TABLE 2

### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			P	RECIPI	TAT 10	N TYPE					OTHER	WEATHER	PHEND	HENA	
H0UR (641)	RAIN	RAIN SHUR	DR?L	FRZG PCPN	SNOW	OTHER FRZN PCPh	HAIL	PCPN AT OB TIME	PCPN PAST Hour	THOR LING	FOG NO PCPN	FOG WO PCPN PAST HP	SHOKE HAZE	SPRAY BLMG DUST BLMG SHOW	
00603 06609 12615 18621	.2	.3 .7 1.8 .5	·1 ·3 ·2 ·2	.0 .0	.0 .0	.0 .0	.0 .1 .0	1.6 2.6 1.2	1.4	3.4 1.7	.1	•0 •0 •0	1.1 1.1 .7	.0 .1 .0	97.4 92.0 92.5 96.6
101 PCT 101 085:	.5 6570	.6	•2	.0	•0	•0	•	1.5	1.1	1.3	. 4	•0	.9	•	94.8

TABLE 3

### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

wnD DIR	0-3			22-33 ED (KNO		48+	TOTAL OBS	PCT FREG	MEAN SPD	00	03	06	HOLR 09	(GHT) 12	15	14	21
N	2.1	6.4	1.4	•		•0		10.3	7.2	4.0	3.5	e.0	13.7	15.5	8.1	13.5	7.7
NΕ	1.8	7.7	3.7	.2	•	.0		13.4	8.9	4.5	2.5	9.7	10.1	22.7	15.3	16.6	13.1
	1.6	5.9	1.3	•	.с	.0		8.7	6.7	5.9	7.5	6.9	6.8	9.8	8.6	12.6	6.5
šc	1.7		. 3	.0	.c	•0		6.0	5.6	6.5	4.9	5.5	6.0	4.6	3.7	7.1	9.2
Š	2.2	5.3	. 3	.0	.0	•0		7.7	5.4	12.1	10.2	6.9	6.6	3.8	7.6	7.0	13.2
28	2.6	7.6	. 7	.0	.0	.0		10.4	5.4	20.2	17.8	10.0	11.3	4.8	11.3	7.1	17.2
<u>-</u>	4.0	13.6	1.2			•0		18.9	6.0	29.8	28.1	20.0	21.8	12.4	17.6	13.6	16.1
NW	2.1	7.9			.0	•0		10.9	6.2	4.1	7.4	11.1	10.6	13.6	17.2	10.4	9.9
YAR		í.ó		.0	.0	.0					.0	.0	.0	.0	.0	.0	.0
CALM	13.1	•••		•••	• • •			13.1	.0	8.7	18.0	22.0	13.1	12.7	8.7	12.0	7.1
101 025	2270	4262	742	22	1	٥	7297		5.8	1440			221	1622	195	1950	254
TOT PCT	31.1	58.4	10.2	.3	÷	٠.٥		100.0				100.0					

TABLE 3A

WMD DIR	0-6	*ING 7-16	SPEED 17-27	(KNOTS) 28-40	41•	TOTAL OBS	PCT FREQ	HEAN SPO	00 03	HOUR 66 69	12 12 15	18 21
N	5.4	4.6	. 3	•			10.3	7.2	3.9	8.8	14.7	12.8
NE	5.2	7.0	1.2	•	.0		13.4	8.9	4.4	9.7	21.9	16.2
Ε	5.0	3.6	• 2	•0	.0		8.9	6.9	6.1	6.9	9.7	11.9
S.E.	4.2	1.7	. 1	•0	.0		6.0	5.6	6.4	5.6	4.5	7.3
\$	5.6	2.1		.0	.0		7.7	5.4	12.0	6.8	4.2	7.7
SW	7.2	3.6	. 1	.0	.0		10.4	5.8	20.1	10.2	5.5	8.3
7	12.3	6.4	. 2	.0	.0		18.9	6.0	29.7	20.3	13.2	15.9
48	6.4	4.0	.1	.0	.0		10.9	6.2	8.1	11.0	14.0	16.5
VAR	••	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0
CALP	13.1	• •	• • •				13.1	.0	9.4	20.7	12.3	11.4
101 035	4727	2410	156		a	7297		5.8	1768	1508	1817	2204
TOT PCT	64.8	33.0	2.1	•1	٠.		100.0			100.C	100.0	100.0

٠	£	9	 ٠	R	١

							FEDRUS	**				
PERIOD: (PRIMARY) (QVER-ALL)	1949-197 1861-197						TABLE				AREA GO	7.6% 93.CH
			PER	CENTAGE	FREQU	ENCY OF	<b>bIND</b>	SPEED 64	HOUR	(THP)		
	HOUR	CALM	1-3	4-10		\$PEED			HEAN	PCT FREQ	101AL 085	
	00E03 06E09 12E15 14E21 10E	9.4 20.7 12.3 11.4 953	18.3 16.3 16.2 20.6 1317 18.0	54.3 53.4 56.0 59.1 4262 56.4	7.7 9.2 15.1 8.7 742 10.2	.1	:	0 .0	5.2	100.0 100.0 100.0 100.0	1768 1508 1817 2204 7297	

			Ť.	ABLE S								1/	6LE 6					
	PCT FRE			CLOUD A		EIGHTHS)		•					CEILIN NH KS/					
WNO DIR	0-2	3-4	5-7	0R2CD	TOTAL OBS	COVER	COO 149	150 299	300 599	630 999	1000	2000 349°	3500	5050 6450	6500 7799	•000	NH C5/8 ANY HGT	
N	5.5	2.4	1.4	.3		2.6	•	.0	•	.3	•2	•2	-1	٠.	•		9.1	
ME	7.2	2.8	1.4	. 3		2.3	.0	•	•	.2	4.3	• 2	•	•	•		11.2	
£	4.4	2.1	1.9	.5		3.0	.0		.1	. 4	. 3	• 2	. 1	٠.	. 1		7.7	
ŠE	2.6	1.7	1.5	. 5		3.4	•			•2	+3	•2	- 1	- 1	•	•	5.3	
Š	2.7	2.2	2.3	. 4		3.4	.0	•0	. 1	. 3	.5	.2	.1	. 1	•	•	6.1	
ŠW	3.8	3.2	3.4	. 6		3.6	•0	•0	•	. 3		.5	• 1	•	•		9.2	
Ď	4.0	5.4	5.4	1.0		3.4	•	•	.1	.6	1.3	.5	. 4	. 1	•	. 1	16.8	
ÑW	4.3	3.0	3.0	.6		3.4	•		• 2		.,,	. 4	.1	3.	•		8.9	
VAR	.0	.0	.0	.0			.0	.0	*•0	.0	.0	.0	.0	9.	.0	.0	.0	
CALM	7.1	3.4	2.7	.6		2.8	.0	•	. 1			.2	. 2		.0	•	12.2	
101 085	2234	1281	1171	238	4924	3.1	4	5	32	150	255	125	55	11	11	16	4260	4924
TOT PCT		26.0	23.6	4.8	100.0		•1	• 1	. 6	3.0	5.2	2.5	1.1	. 2	•2	. 3	66.5	100.0

THE STATE OF THE PROPERTY OF T

TABLE 7

CUMULATIVE PCT FREG OF SIMULTANEOUS OCCURRENCE OF CEILING MEIGHT (NM 34/8) AND 358Y (MM)

						VSBY INH	1)			
	CI	CILING	= OR	= OR	Z OR	= OR	= 0R	= 0R	= OR	= 0R
	(1	FEET)	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
2	UR	>6500		.6	.6	.6	.6	•6	. 6	.6
:	0 Ř	>5000	.4			. 8		. 8	.4	
:	0R	>3500	1.4	1.9	1.9	1.9	1.9	1.9	1.9	1.9
I	OR	>2000	4.2	4.4	4.4	4.4	4.4	4.4	4.4	4.4
=	OR	>1000	8.8	7.4	9.5	9.6	9.6	9.6	8.6	9.6
=	OR	>600	11.2	12.3	12.5	12.5	12.5	12.5	12.5	12.5
:	OR	>300	11.6	12.4	13.0	13.1	13.1	13.1	13.1	13.1
=	OR	>150	11.7	12.9	13.1	13.2	13.2	13.2	13.2	13.2
=	OR	> 0	11.6	12.9	13.2	13.3	13.3	13.3	13.1	13.3
		TOTAL	608	667	681	684	685	685	464	686

TOTAL NUMBER OF OBS: 5158 PCT FRED NH 45/8: 86.1

#### TABLE 7A

PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 085CD 085
20:1 23:7 20:8 14:1 2:2 4:2 3:9 3:0 2:1 .0 5499

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>E4100:	10VER-ALL) 1							TA	PLE 8				ARE	0011	PUNT 7.6N	A BURICA
			P	ERCENT	FREO PREC	OF WING	D DIRE	CIION TH YAR	A DMT A	URRENI ALULS	CF VIS	ion-oci	CURRENC! TY	OF.		
	42RA 42RA		N	зк	•	sc	s	SH	*	NA	TAR	CALM	PCT	101AL 085		
		PCP	.0	.0	•0	•0	.0	.0	.0	.0	.0	•	•			
	<1/2	NO PEP	.0	•0	•0	.0	.0	.0	.0	.0	.0	.0	. 2			
		ici i	.0	.0	.0	.0	.0	•0	•0	.c	٠.	•	•			
		PCP	.0	.0	.0	.0	•0	.0	•0	.0	.0	.0				
	1/2<1	NO PLP	.0	٠.0	.0	•	.0	•	-0	.0	.0	.0	•			
		101 1	.0	.0	.0	•	.0	•	••	.0	.0	.0	•			
		PCP	.0	.0		.0	.0	.0	٠0	•	.0	.0				
	142	NO PCP	.0	.0	•	.0	•0	•0	•	•	•0	.0				
		101 1	.5	•0	•	•0	•0	•0	•	.1	.0	•0	. 1			
		PCP	•	•	•	.0	.0	.0	•	•	•0	•	•2			
	2<5	NO PEP	•	•	•	.0		. 1	-1	•	.0	.0	. 3			
		101 1	• 1	•1	•	.0	•	- 1	-1	-1	.0	•	. 4			
		PCP	•5		•	.1	-1	•	-1	. 3	٠.	•	.4			
	5<10	NO PCP	.5	.7	.6	. 4	.5	.5	1.0	. 6	.0	.4	5.2			
		tor t	•5	.7	. 6	. 5	.5	.5	1.;	••	.0	.*	5.6			
		PCP	.1	. 1	-1	. 1	-1	•	•1	.1	.0	•1				
	10+	NO PCP	7.4	12.1	7.1	5.6	7.0	10.5	18.1	10.1	.0	12.1	93.0			
		101 1	9.5	12.1	8.2	5.7	7.1	10.5	16.3	10.3	.0	12.2	93.8			
		TOT OBS												6236	,	
		TOT PLT	10.1	12.0	4.9	4.2	7.4	11.1	19.4	11.1	- 0	12.4	100.0			

TABLE 9

									75 WI				
7887 (MH)	5PD 615	N	ĸε	£	SE	s	Sw	٠	KW	YAR	CALM	PCT	TOTAL
	D-3	+0	.5	.0	.0	.0	.0	.0	.0	.0		•	
(1/2	4-10	•0	.0	.0	.0	.0	ů.	.0	.0	.0		.0	
	11-21	•0	.5			.0	•		.0	.5			
	22•	.5	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	10T 2	•0		ä		·č	•	•	.6	.0	•		
	0-7	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
1/241	4-10	٠.	•	•	•	.0	• 0	.0	.0	.0		•	
	31-21	+0	-3	.0	•0	.0	•	•6	.0	.0		•	
	22.	-0	.3	. 2	.0	.0	.0	.0	.0	.0		.0	
	tot #	•0	•	•	•	•0	•	.0	•0	.0	.0	-1	
	0-3	•	•	.0	.0	.0	.0	.0	.0	.0	.0	•	
1<2	4-16	-0	.0	•	•0	٠.0	.0	-0	•	.0		- 1	
	11-21	•0	.0	.0	.0	•	.0	•	•	.0		•	
	22+	•0	.0	٠٥	.0	٠.٥	.0	.0	٠٥	.0		.0	
	101 2	•	•	•	•0	•	.0	•	- 1	٠.	.0	•1	
	0-3	•	-0	•	.0	•	•	•	•	.0	•	.2	
2<5	4-10	•	*	•	•0	•	•	• 1	•	•0		• 2	
	11-21	•	•	.0	•0	.0	•	•		• C		. 1	
	22+	•0	•	.0	.0	.0	.0	.0	.0	٠.		•	
	101 2	-1	-1	•1	•0	•	• 1	• 3	-1	.0	•	• 5	
	<b>3-3</b>	•2	-1	- 1	•1	•1	• 2	. 3	• 1	.0	.4	1.5	
5(10		• 3	.3	. 4	• 3	.3	. 3	. 7	2.	•0		3.2	
	11-21	•1	•2	. 1	- 1	•1	•1	•	-1	•0		.7	
	22+	•6	•	•	•0	•0	.0	•	• 0	.0		. •	
	101 2	•5	, 7		.5	.5	••	1.0	.1	.0	• •	5.4	
	0-3	1.9	1.6	1.5	1.5	1.9	2.4	3.7	5.0	.0	12.6	29.3	
10+	4-10	5.8	7.0	5.3	3.7	4.9	7.5	13.1	7.4	••		54.6	
	11-21	1.7	3.4	1.2	• 3	• 2	••	1.1	••	.5		9.5	
	22*			. :	.0	0		:		٠.٥		3	
	T01 %	9.5	12.2	4.1	5,5	7.0	10.6	18.0	10.2	.0	12.4	+3.8	
	280 TCT									_			660

FERRUARY

PERIOD: (PRIMARY) 1949-1979 (OVER-ALL) 1861-1979

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AREA 0011 PUNTA BURICA 7.6N 83.0M

EPCENT	FREQUENCY	0F	CE	LING	HE I GH	S IFEET.NH	34/81	AND

HOUR (GMT)	000 149	150 299		600 999		2C00					TOTAL	NH <5/6 ANY HGT	
20203	•1	•0	. 3	2.1	4.1	1.7	1.3	.2	•2	.5	10.7	89.3	1447
90340	•0	.1	.4	2.9	4.4	2.4	1.6	.1	.0		12.8	87.2	1086
12615	.1	•2	1.1	3.7	6.6	2.9	.9	.1	.*	.4	16.5	45.5	1399
18621	•1	.1	.5	2.0	4.2	2.2	.5	.3	.2	.0	10.7	89.3	1534
101		5	32	154	265	132	56	11	11	19	659	4777	5466

TABLE 11

TABLE 17

		PERCENT	FREQUENC	Y VS3Y	(MH)	BY HOUR		CUMULAT					YSBY (MK) J.BY HOUR	44D/0R
H3UR (GH1)	<1/2	1/2<1	165	2<5	5<10	10+	TOTAL GBS	HOUR (GMT)	(150 (50YD	<+C0	<1000 <5	10L0+	NH <5/8 AND 5+	TOTAL 085
00603	•1	-1	•2	.5	3.8	95.3	1693	23203	-1	. 3	2.7	4.4	88.7	1370
06609	.1	• 1	-1	. 3	4.4	+3.0	1433	06509	•0	.5	4.2	10.0	45.9	1012
12615	•1	-1	•2	.8	6.5	92.5	1726	12615	•2	1.7	6.0	11.7	82.3	1322
18521	.0	-1	.1	.5	5.4	93.4	2065	18621	•1		3.9	7.6	48.5	1454
101	3	7	•	38	361	6479	6917	101	5	42	215	464	4459	5158

TABLE 13

1/8LE 14

	PERC	ENT FR	EQUENC	7 OF R	ELATIV	INUH 3	DIIY 8	4 1EHP				PERC	ENT FR	EQUENC	Y OF .	IND D1	<b>*</b> CC110	N BY 1	EMP	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90-100	OBS	PCT FREQ	N	NE	C	SE	s	Sw	-	Nb	VAR	CALM
95/99	.0	.0	.0	•	.1	٠	۰.	.0	5	-1		.0	.0			•	a£.	.8	.0	
90/94	.0	.0	.1	.5	.6	. 3	- 1	•	85	1.6	•2	. 3	.1	. 1	.2	.1	.3	.1	.0	.2
85/89	.c	.0	•	1.3	6.3	6.4	1.5	. 3	453	15.6	1.6	2.2	1.4	1.0	1.4	1.4	2.7	1.5	.0	1.8
80/84	.0	.0	. 1	. 7	11.0	35.0	20.8	3.9	3918	71.5	7.1	4.2	6.1	4.4	5.5	7.4	14.9	7.7	.0	
75/79	.0	.0	.0	.0	. 3	3.5	5.3	2.1	410	11.1	1.3	2.3	1.1			1.0	1.5	1.3	2.	1.4
70/74	•0	.0	.0	.0	.0	.0		- i		• 1		•	•	.c	.0	•	•		.0	
TOTAL	Ď	0		126	994	2479	1519	353	5479	100.0									• • •	
PCT	•0	•0	•1		18.1			6.4	•		10.3	13.0	9.2	6.3	7.7	10.3	17.4	10.7	.0	13.1

TABLE 15

148LE 16

HOUR (GMT)	MAX	992	952	502	51	12	MIN	MEAN	TOTAL
00603	91	**	86	82	79	77	49	82.4	1841
96340	8.8	85	84	*1	78	76	68	0	1576
12615	92	45		- 1	77	75	72	4.24	3870
18221	96	92	89		79	77	69	84.1	2285
TOT	44	•0	87	82	7.0	74	4.8	82.2	7592

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 PEPIGO: (PPIMARY)
 1949-1979
 AREA GO11
 PUNTA BURICA

 (OVER-ALL)
 1861-1979
 TABLE 17
 7.6N
 85.0W

PCT FREW OF AIR TEMPERATURE (DEG F) AND THE OCCURRENCE OF FOR (-ITHOUT PRECIPITATION)
VS AIP-SEA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	65	67	73	77	81	45	19	>92	101		40
THP DIF	30	72	76	80	**	38	92			FUG	FOG
20/22	.0	٠.	.0	.0	.0	•	-0	.0	1	.0	•
17/19	• 5	. 3	• 0	.0	.0	•	. 0	.0	1	.0	•
14/16	.0	. C	• 0	.0	•	- 1	•	•	7	.0	- 1
11/13	.0	. G	• 0	.0	. 1	- 1	.,	. 1	24	.0	
9/10	.0	.0	•5	- 1	.2	.2	• 2	-1	39	•0	.7
7/6	. 3	.0	• C	- 1	. 5	. 6	. 4	• i	98	•0	1.6
e	• 2	. 0		• 2	. 4	.6	. 3	.0	87	.0	1.5
Š	.0	. 0		. 1	. 7	1.2	. 5	.0	154	.c	2.6
4	.0	.0		. 3	1.1	1.5	• 2	.0	189	•	3.1
د	.0	٠,	• 0	. 3	1.1	1.8	. 3	.0	207		3.4
ż	.0	.0	•	. 7	5.4	2.5	. i	.0	396		6.6
1	.c	.0	• 1	. 8	4.2	2.2	• 1	.0	436	•	7.2
ā	.0	.0	.0	2.5	10.4	2.0	•	•0	693	٠2	14.7
-i	•0	.5	·	2.6	9.5	1.1	.0	•0	797	.0	13.3
-2	.0	.3	- 1	4.3	11.5	.6	. 5	.0	982	- 1	16.3
-3	.0	. 5	• 1	3-2	6.3	. 2	.0	. C	567	•	9.4
-4	. 5	.0		3.5	5.0		•	.5	520	.0	8.7
-5	•0	.0	• 1	2.3	2.2	- 1	•0	.0	279	. 0	4.7
- 6	.0	.0	• 2	1.3	. 9	•0	•0	.0	159	.a	2.3
-7/-8	.5	•	. ?	1.0	.7	.0		.3	113	.0	1.9
-9/-10		.0	- 1	. 3	. 2	•	.0	.0	38	.0	
-11/-13	•	•			•	.0	.5	.0	9	.0	.2
-14/-16	.0				.0		.c	.5	2	.0	•
-17/-19	.0		•0	.c	.0		.5	.0	2	.0	•
TOTAL	ĭ		56		3468	• • •	126		_	Zī	5979
	-	5		1415	•	486		21	6200		-
PCI		. 1			58.1	14.4	2.1		120.0	- 4	50.7

PEPIOD: (DVER-ALL) 1963-1979

148LE 18

				PC	T FREQ	OF WIND	SPEED	IKTS) AND D	IREC	CTION W	ERSUS S	EA HEIG	HTS (FT)		
				12								**			
HGT	1-3	4-15	11-21	25-33	34-47	45+	PCT	1	-3	4-10	11-21	22-33	34-47	48+	PCI
<1	1.3	1.3	.:	-0	.0	.0	2.6		.4	1.4	.0	.c	.0	.0	1.6
1-2	.9	2.4	.5	.0	.0	•0	4.2		.7	3.3	1.0	.0	.5	٠.	5.0
3-4	• 1	1.3	. •	.0	.0	.0	2.3		• 1	1.6	1.5	.0	•0	-0	3.1
5-6	.0	• 2	. 4	-0	.0	-0	.6		• 0	• 2	.7	.5	•0	٥٠	• •
7	•0	• 2	·c	-C	.0	.0	-0		٠0	-0	. •	-1	.0	.0	•5
8-9	-0	.c	.0	.c	.0	-0	-0		۰0	-0	.0	٠,	•0	٠,	-0
10-11	•0	.5	.1	-0	.c	•0	- 2		•0	-3	-1	.0	•0	•c	- 1
12	- 0	· C	- 1	•0	.0	٠٥.	•1		٠0	.0	.0	.0	•0	.0	-0
13-16	•0	• c	•0	.0	•0	.0	•0		.0	ن ٠	.0	٠.	٠.0	.0	•5
17-19	•0	.0	9.	.0	.0	٠.٥	•0		•0	. 3	•0	•0	•8	.0	.0
50-55	•0	•0	٠.	٠.٥	٠.0	.0	.0		•0	ن.	.0	•0	•0	۰.	•0
23-25	•0	•0	•0	.0	·c	.0	•0		.0	•9	.0	.0	•0	٠.	•0
26-32	٠.	.0	.c	٠.	9.	.0	.0		٠Ç	• 4	.0	.0	.0	.0	.0
33-46	.0	.0	.0	.0	٠.	.0	٠.		•0	• •	.0	•0	•C	٠.	•0
41-48	.0	.0	•¢	.0	.0	•0	• 2		٠0	٥٠	-0	•0	-¢	٠.	•0
49-60	٥.	•0	.0	.0	•c	-0	.0		.0	-0	•0	٠.	•0	.0	• • • •
61-70	.0	.0	٠,	•0	.0	٠.	•0		•0	••	•0	.0	٠.0	٠.	•0
71-84	٠.	٠٥	•0	.0	.0	•0	.0		•0	•0	•0	•0	٠.	٠.	
\$7+	.0	.0	.0	٠.6	•0	-0	9.6		•0	•0	.0	•0	.0	3.	0
IOI PCI	5.5	5.7	1.9	•0	.0	•0	7.5		1.2	6.4	3.6	-1	-0	•0	11-4
				E								SE			
нат	1-3	4-13	11-21	22-33	34-47	48+	PCT		- 3	4-10	11-21	22-33	34-47	48+	PCT
<i< td=""><td>. 8</td><td>1.8</td><td>- 1</td><td>.0</td><td>.0</td><td>.0</td><td>2.7</td><td></td><td>1.2</td><td>1.7</td><td>•9</td><td>.0</td><td>.0</td><td>.0</td><td>2.9</td></i<>	. 8	1.8	- 1	.0	.0	.0	2.7		1.2	1.7	•9	.0	.0	.0	2.9
1-2	. 9	3.5	.7	.0	.0	.0	5.2			2.1	.2	.0	•0		2.9
3-4	.0	.5	.6	-0	.0	.6	1.0		.1	.7	• 1	•0	٠.5	.0	.9
5-6	.0		.1	.3	.0	.0	- 5		• 1	-1	- 1	•0	.0	٠.	-2
7	•0	.0	-1	.c	.0		- 1		•0	• C	-0	.0	-0	.0	.0
4-9	-0	-1	.0	•C	.0	•0	- 1		.c	.0	-0	.0	•0	٠.0	.0
10-11	.0	.0	.0	٠.	.0	٠.	.0		.0	-0	.0	.0	•0	.0	.0
12	• U	.0	.0	.0	.0	-0	.0		.0	-0	.0	.0	.0	.0	-0
13-16	•0	.0	٠.	.0	.0	•0	.0		.0	-6	•0	.0	.0	.6	•0
17-19	.0	.0	-0	.0	.0	.0	.0		•0	40	.0	.0	.0	٠.	•0
20-22	·C	.0	.0	.0	.0	-0	•0		٠0	40	•0	-0	.0	٠.	-0
23-25	•0	.0	.0	.0	.0	•8	.0		•0	-0	.0	.0	.0	٠.	.C
26-32	•0	.0	.0	.0	.0	.3	•0		•0	-0	.9	-0	-0	.0	.0
33-40	.0	•G	-0	.0	.0	-0	.0		.0	.0	٠,	•0	•0	•C	.0
41-48	.0	.0	.0	.3	.9	.0	.0		.0	- 3	.0	.0	-0	.0	.0
49-60	•0	.0	.0	.0	•0	.0	.0		.0	-0	.0	٠٥	.0	٠.	. 3
61-70	•0	٦.	.0	.0	.0	•0	.0		•0	• 3	•0	.0	•8	.0	.0
71-06	.0	-0	.0	-0	.0	-0	.0		٠0	٠.	.0	.0	•0	•0	.0
87+	•0	.0	-0	.0	.0	.0	.0		•0		.0	٠.	•0	٠.	•0
TOT PCT	1.7	6.3	1.6	٠.	.0	-0	9.5	:	2.0	4.6	- 4	.0	.0	٠.	7.0

A STATE OF COLOREST CONTROLLES OF COLOREST COLORES OF COLOREST COLORES OF COL

									FEBRUARY							
PERIOD:	COVER	S-ALL)	1963-1	979					16 (CCNT)				A FE A	0,11	PUNTS	
								IABLE	18 ICCNII					7.	6N A3	.04
				PC	T FREO	OF LIND	SPEED	(KTS)	AND DIREC	TION Y	rEPSUS S	EA HEIG	HTS EFT	1		
				s								Sa				
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-13	11-21	22-33	34-47	680	PCI	
<1	. 4	2.5	.0	.0	.0	.0	3.3		. 9	2.0	.0	•0	•0	.0	3.5	
1-2	. 4	2.9	.1	.0	.0	.0	3.5		.6	5.2	. 2	-0	•0	٥.	6.0	
3-4	• 1	.5	.2	.0	.0	.0			- 1		. 3	.0	.0	.0	. 9	
5-6	.0	. 1	• 0	•0	.0	-0	- 1		.0	. 1	. 1	.0	•0	٥.	•2	
7	.0	.0	.0	.0	.0	-0	•0		-0	- 1	.5	•0	•0	.0	- 1	
8-9	.0	٠0	.0	.0	•0	.0	.0		.0	٠.	.0	.0	.:	٠.	• • •	
10-11	.0	•0	.0	.0	.0	.0	•0		•0	٠.	.0	.0		.c	.0	
12	•с	-0	.0	.0	.0	.0	.0		•0	٠.	.0	.0	•0		•0	
13-16	٠.	.0	.0	.¢	-0	•0	.0		.0	- 3	.0	.0	-0	٦.	.0	
17-19	•0	.0	.0	.0	•0	۰.	.0		.0	٠.	•0	•0	٠.	٠.	• ?	
20-22	.0	.0	.0	•0	.0	.0	.0		•0	. U	.0	.0	•0	٠.	.0	
23-25	.0	.0	.0	.0	.0	•0	.0		•0	• 0	. 3	.0	•0	.6	٠.5	
26-32	•0	.0	•0	•0	•5	.0	.0		٠0	•0	.0	٥.	٠.	٦.	.0	
33-40	•0	•0	.c	•0	•0	.0	.0		•0	.5	.0	• 5	•0	٠.0	٠.	
41-48	•0	•0	.0	•0	•0	•0	-0		•0	٠.	.0	-0	•0	.0	.0	
49-60	-0	.0	.0	٠.	.0	•0	•0		•0	.0	.0	.0	-5	٠,	٠.	
61-70	•0	•0		.0	•c	.0	.0		.0	٠,٠	.0	-0	•c	٠,	.0	
71-86	•0	•0	.0	•0	•0	.0	.0		•9	٠.	.0	.5	-0	٠.	.9	
87. TOT PCT	٠.٠		.0	.0	.0	.0	7.7		0		.6	.0	-0	٠.		
101 PC1	1.3	C-1	•3	.0	•0	•0			1.6	6.5			•0	٠.	10.7	
												٨.				TOTAL
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-33	34-47	460	PCI	PCT
<1	2.4	4.9		2.	.0	.0	7.3		1.1	2.3		ان.	.;	3.0	3.4	
1-2	1.0	9.3	::	.0		.0	11.1			4.5		3.		.5	4.4	
3-4	1	1.1	.2	.0	.0	.0	1.3		.1	1.5		.5	.0		1.6	
5-6	.0	i		.0	.0	.0			.0		.2		.5			
7	•0		.ö	.0	.0	.0	.0		.0	.5	.č	•••	.0	3.	.0	
1-9	•0	•0	.0	.0	.0	.0	.0		.0-	.0	.0	.0			.0	
10-11	.0	σ.	٥.	.0	• C	.0	.0		.0		.0	-8	-0	.c	.c	
12	•0	-0	.0	.0	.0	.0	.0		-0	.0	•c	-0	٠.	.0	.0	
13-14	•0	.0	.0	.0	.0	.0	.0		.c	.0	.0	-0	٠.	٥.	.0	
17-19	• D	-0	.0	•0	.0	.a			.0		.0	.0	.0	.0	.0	
20-22	.0	.0	.0	.0	.5	-0	.0		.0	.:	.0	-0	٠.	.0	•0	
23-25	•0	.0	.0	.0	.0	.0	.0		.0	.:		٠.	.0	.0	•C	
40-32	•0	.0	.0	.0	.0	۰.	•0		.0	.0	.0	-0	.0	٠.		
33-40	•0	.0	.0	.c	.0	.0	.0		.0	.0	• ?	.0	-3	.0	.0	
41-48	-0	.0	.0	.0	.0	٠.	.9		.0	.6	.5	-0	.0	٠.	.0	
49-60	•0	.0	.0	.0	•0	.0	.0		.0	٠.	•0	.0	.0	ن.	.0	
61-TD	•0	-0	•0	.0	.0	۰.	٠.		.0	• 3	.0	.0	٠.	.0	.0	
71-86	•0	•0	.0	.0	.0	.0	•0		.0	٠.	.0	.0	٠.	3.	•0	
87*	0	0	•0	•0	•0	.0			•0	٥٠	.0	- 4	•0	٠.	.0	
101 PC1	3.4	15.4	1-1	•0	.0	.0	20.0		1.4	8.0	. *	.0	.5	٠.	10.1	86.2

	GNIR	SPEED	(*15)	WS SEA	HEIGHT	(F1)		
HGT	3-3	4-10	11-21	22-33	34-47	46.	<b>₽</b> CT	101
<1	24.8	16.0	-1	.0	.0	.0	43.0	
1-2	5.8	32.0	3.9	-0	٠.	.0	*1.7	
3-4	.6	7.2	3.6	•0	.0	.0	11.4	
5-4	-1	1.2	1.5	.0	.0	.3	2.9	
7	.0	. 1	-5	. 1		.0		
4-9	.0	. 1	.0	.0	.0	.0	-1	
10-11	.0	.0	- 1	.0	.0	.0	-1	
12	•0	.0	- 1		.0	.0	- 1	
13-16	.0	.0	-0	.0		.0	•0	
17-19	٠.	.0	•0	-0		.c	•0	
50-55	•0	.5	-0			-0	.0	
23-25	٠.	.0	-0			•0	٠0	
24-37	.0	٠.	-6			.0	٠.	
33-4L	•0	.0	•0	.c	.0	٠.	.0	
41-46	•0	.0	• 0	.0	.0	.0	.c	
49-60	.0	.0	-0			-0	.0	
61-7C	٠.	٠٥	•6	•0	.0	٠٥	.0	
71-86	-0	.0	-0	•0	.6	.0	•0	
<b>\$7</b> •	٠.	٠.	•0	.0	.0		.c	
101 PCI	31.3	58.7	10-6	.1	.0	•0	100.0	1476

12.9 .3 .1 .0 .0 .0 17.5 1332 30.7 1-2 26-1 2-6 1-6 1-5 -0 2-6 1494 34-4 . . . . . . . . . . . . 2403 152 16 171 41 18 998 4339 100.0 3-4 13.0 4.2 1.8 1.5 1.4 .0 2.1 1042 24.0 5-6 2.5 2.5 .9 .4 .2 .3 .6 31\* 7.4 --9
--1
--1
--1
--1
--1
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--1
--1 -11 . . . . . . . . . . . . \* 000000000 2 000000000 .7 .7 .3 .3 .1 .0 .......... ......... 0000000000 ,,,,,,,,,,, .0...... 0000000000

PARCH

PEP10D: (PRIPARY) 1950-1979		AREA SOIL PUNTA BURICA
(OVER-ALL) 1861-1979	faolf i	7.64 83.0W

PERCENT FREQUENCY OF MEATHER OCCUMPENCE BY MIND DIRECTION

			•	RECIPI	14110	h TYPE					OTHER	BEATHER	PHENO	MEMA	
WND DIR	PAIN	RAIH SHER	OR7L	FRZG PCPN	SHOR	OTHER FRZN PCPN	HAIL	PCPN AT OB TIME	PCPL PAST Hour	THOR LING	FOG WO PCPW	FLG WO PCPN PAST HP	SPOKE	SPRAY BLWG DUST BLWG SNOW	
		1.4		.3	.0	.0	۵.	2.6	1.3	1.1		.0	4.7	•0	39.7
NE.	. 4	. 3	•	. 5	.0	.0	.0	. 7	1.2	1.1	.5	3.	3.0	.0	92.7
٤		. 5	.1	.0	.0			1.2	1.0	2.4	1.7	٠.	4.6	۰.	49.5
šr	2.0			.0	.0		.0	3.2	2.0	2.7	.7	٠.	4.1	•	47.5
		.5	.;			.5		1.4	1.9	2.6	.6	.с	5.1	.1	46.2
Šu	::	.;					.0	1.4	2.4	2.2	.3	.c	4.0		84.2
					:6			1.4	1.3	1.7			3.4		71.5
•			-1	.5						2.0	.2		2.6		90.3
hs	1.4	1	. •	•0	.0		•0	3.1	1.9						70.0
YAR	.0		٠٥.	.0	.0		.0	•0	-0	•0	•0	•0	.0		
CALM	.5	-1	•1	.0	.0	.0	•0	.7	1.0	1.7	••	٠,	5.6	•1	49.9
101 PC1	.7	.7	.3	.0	.0	٠٥	-8	1.6	1.5	2.0	.6	-0	4.3	•	90.0

S 3JEAT

PERCENT FREQUENCY OF MEATHER OCCUPRENCE BY HOL	PERCENT	FRECUENCY	ĢF	BEATHER	OCCUPRENCE	Ł٧	HOU
--	---------	-----------	----	---------	------------	----	-----

			•	RECIPI	TATIO	1196					CTHER	POHTASE	PHENO	HENE	
HOUR (GPT)	MAIN	PAIN	DRZŁ	FRZG "CPN	\$404	OTHER FRZN PCPN	HAIL	PCPH AT OB TIME	PCPN PAST HOUR	THOR LING	FOG WO PCPN	FOG WO PCPM PAST HO	SHOKE SSAH	SPRAT BLUG DUST BLUG SNOW	
COEO3	.5	.1	٠.	.0	.0	٥.	.0		.6	.,	.5	.0	3.4		93.5
\$64B\$		1.1	- 1	40	.0	٠.	٠.	1.7	1.7	6.2	. 7	.0	3.7		45.4
12615	1.1	1.3	. 4	.0	.0	.0	.0	2.4	2.6	2.3		.0	4.1	-1	87.2
12421		.3	. 4	•0	.0	.0	.0	1.3	1.2	-1	.7	.0	5.2	.0	<b>91.</b> 6
tot PL1	7923	•7	•2	.0	.0	•0	•0	1.6	1.6	2.2		-0	4.3	-1	89.7

TABLE 3

# PERCENTAGE FREQUENCY OF KIND DIRECTION BY SPEED AND BY HOUR

			0 SPE										HOUR	(581)			••
9#0 DID	0-3	4-10	11-21	55-33	34-47	***	10146	FREG	MEAN	66	23	06	C+	12	15	18	21
							083	THEU	310								
×	1.4	4.9	1.4	.1	.0	.5		4.2	7.5	3.5	1.5	7.0	5.2	12.2	3.0	10.7	6.9
NE.	1.6	7.2	2.9	.1	.0	.0		11.0	4.4	•.0	1.7	4.5	7.7	19.0	10.4	15.0	11.1
ř	2.0	7.0	1.0			.0		10.0	6.5	5.0	5.4	4.9	5.3	11.5	12.2	15.5	9.2
šŧ	1.6	5.6				.0		8.0	6.2	8.4	9.0	7.1	8.7	5.6	8.9	1.5	13.6
•	2.3	7.1				.0		10.2	6.1	16.1	15.2	*.5	13.6	5.1	4.2	7.4	14.7
Śv	2.5	7.9	.,			.0		11.6	6.C	22.6	12.4	7.4	15.4	6.5	11.4	7.7	12.9
	3.7	11.7	1.0	.0		.0		16.5	5.4	26.4	20.3	17.2	18.3	13.5	15.4	10.5	14.6
. N	2.0	6.0		•		.0		1.4	6.2	5.9	15.4	7.7	4.4	11.4	13.3	6.1	7.3
YAP				.0				.0	.0	.0	. 0	-0	.0	.0	.0	.0	.0
CALF	14.8	•••	••	•••	•••	•••		14.5		8.2	18.8	23.4	18.6	15.4	16.1	13.7	9.3
101 015	2662	4673	793	25	c	0	1153	•	5.6	1790	117	1521	215	1604	182	2276	246
101 0F3		57.3	9.7					100.0			100.0			100.0	100.0	100.0	100.0

TABLE 34

						FF 38						
LAD DIR	0-6		SPEED 17-27	(KNOTS) 28-40	•1•	TOTAL OBS	PCT FREQ	MEAN 3PD	00 03	HCU! 06 C9	1641 12 15	14 21
N	4.4	3.4	.4	•	٠.		4.2	7.3	3.2	4.4	11.3	10.4
NE	5.0	6.1	. 7	•	.0		11.8	4.4	3.9	1.3	18.2	14.6
Ć.	4.0	3.6	•2	•			10.0	6.5	5.1	4.7	11.5	14.9
šc	5.3	2.7	.1	.0	. U		8.0	6.2	4.5	7.3	5.9	1.7
\$	6.5	3.4	.1	•	.3		10.2	6.1	16.1	10.0	5.2	9.9
Šw	7.5	4.0	•	•	.0		11-6	6.0	22.0	10.2	7.0	6.2
¥.	11.0	5.4	.1	•D	.0		16.5	5.9	24.0	17.4	13.7	10.7
NH	3.7	3.0	.;	•			1.4	6.2	4.5	¥.5	11.6	8.D
VAR	.0		.0	.0	.0		.0	.0	.0	-0	.0	٠.0
CALM	19.8	•••	•••	•••			14.0	.0	8.7	22.6	15.6	13.2
101 095	5405	2602	134	16	٥	8153		5.6	190/	1736	1986	2524
			:-:	• • • •					100.0			100 0

PARCH

PERIOD: (PRIMARY) 1950-1979 (0/(R-ALL) 1861-1979

TAPLE 4

FREA CCIL PUNTA BURICA 7.6% 83.0W

PERCENTAGE FREQUENCY OF MING SPEED BY HOUR CONTI

				#15D	SPEEL .	KROTSI			PCT	TOTAL
HOUR	CALM	1-3	4-10	11-21	22-33	34-47	48+	MEAN	FAEC	061
00603	8.9	17.3	64.1	9.3		.0	ن.	5.9	105.0	1907
90340	22.8	15.7	52.7	8.5	.2	٠.	٥.	5.0	100.0	1736
12615	15.6	17.1	55.3	11.4			٠.		100.0	1986
14651	13.2	20.2	56.9	9.4	.2	. ú			100.0	2524
101	1209	1953	4673	793	25	د	C	5.6		4153
PCI	14.4	17.3	67.1	6.1		, i	-			

TABLE 5

TAPLE 6

•	CT FRE			CLCUD A		EIGHTHSI			PEPCEN	TAGE F	REQUEN CURREN	CY OF	CEILIN NH (5/	G HE 16	HTS (6	1.4H	)4/81 0%	
RMD DIE	0-2	1-4	5-7	8 E 05200	101AL OSS	COAEL CFOND WLTH	CD0	150 299	300 599	400 999	1000	2000 3499	3560	1001		*350*		
N	4.1	1.7	1.5			2.9		.0	. 1	.2		.1	.1			.1	7.0	
NE	6.1	2.6	2.3	- 4		2.*	•	.0	٠.		.5	.;	::	. 1		::	10.5	
£.	4.0	2.1	2.4	1.2		3.4								.;	-	::		
3.5	2.0	1.6	2.7	1.1		4,4	.0		.1				::		•		6.3	
š.	3.0	2.3	3.2	1.6		4.3	.0		•:					• 1	•	• 3	5.4	
Šv	3.5	2.0	4.4	1.5		4.3	.0		:				. 2	. 1	•	-1	7.9	
	5.8	4.1	5.0	2.0					-	• ?	1.2	•5	• 1	•	•	.1	9.5	
Nu	3.3					3.9	.1	•	- 1	- \$	1.3	. 6	. 3	- 1	• 1	- 1	33.6	
		2.6	2.3	. 9		3.7	•	•	. 1	- 3	.7	. 3	. 1	•	- 1	. 1	7.3	
VAP	.0	•0	•0	.0		.0	.0	-0	.0	.0	.0	.0	.0	• 5		٠.	.0	
CALM	6.3	3.1	3.6	1.3		3.4	.1	•	•	. 4	1.0		•2	• • •			12.6	
101 065	2145	1289	1575	632	5641	3.7	17	•	24	202	415	194	45	25	24	42	4600	5441
TOT PET	36.0	22.9	27.9	11.2	100.0	•	. 3	-2		3.6	7.4	3.4	1.5			- 75	61-5	100.0

TABLE 7

# CUMULATIVE PCT FREG OF SIMULTANEOUS OCCUPRENCE OF CEILING HEIGHT INN SAFE AND YEAT (NO

						A7224 (PW	13			
	CI	CILING	2 02	= 02	2 OR	= 0R	: 08	:2	7 05	2 06
	61	(61)	>10	>5	>2	>1	21.7	. ) ~	25"YD	>0
		>6500	1.0	1.1	1.1	1 1	:.1	1.1	1.1	1.1
		>5000	1.4	1.6	1.6	1.6	4.6	1.4	1	1.6
:	OR	>3500	2.7	3.1	3.1	3.1	ι.	3.1	3.1	3.1
:	OŘ	>2000	5.6	6.5	6.5	6.5	6.5	6.5	4.5	• • • •
:	02	>1000	11-3	13.5	13.7	13.7	13.7	13.7	43	13.7
:	OM	>600	14.0	17.6	17.3	17.5	17.3	17.2	17	17.3
:	OR	>360	14.3	17.3	17.7	17.1	17.8	1	iź.	17.6
=	05	>150	14.4	17.5	17.9	18.0	16.6	19.0	100	18.0
:	04	> 0	14.5	17.7	14.1	16.2	3.2	16.2	12.5	18.3
		TOTAL	867	1255	1011	1385	168	10:1	155	1000

TOTAL NUMBER OF 055: 5960

PCT FRED NH <5/8: 61.

TABLE 74

# PERCENTAGE FREQ OF LOW CLOUDS IETGHTHS?

2 1 2 3 4 5 6 7 6 0BSCD 0ES 22-1 19-2 17-7 13-4 9-0 5-2 5-3 3-6 4-6 -1 63C6

найсн

PERCEPT FREC OF WIND DIPLETION VS OCCUMBENCE OR ADN-DECUMBENCE OF PRECEPTIATION WITH MARYING VALUES OF VISIBILITY	(PP1=ARY) 1 (OV[P-ALL] 1							7.4	tic e				496	A CC11	PUNT 7.6%	A BURICA B3.0W
CNI			٠	ERSE+ 1										E OF		
PCP			*	40	٤	32	\$	SK		**	440	CAL-	PCI			
C1/2 NO PCP 13 10 10 10 10 10 10 10 10 10 10 10 10 10		250		- 0	-0			-0	.0	.0	.0					
TOT	(1/2															
1/2(1 NO PCP				.c		.o		.5	ž.			•	•			
101 1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1  PEP .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0		PEP	.0	.c	.0	.0	.2		•	•	.5	.0				
101 1	1/2<1	NO PEP	.0	.0	•	.0	.0	•	•	•		.0	•			
PCP		101 1	.:	.5	•	.0	.0	•	•	•	•=	•0	- 1			
PCP			.0	.0	•	•	.0	.0	•			•	-1			
PCP	1<2	NO PCP	•	•	- 1	•	.0	.0	.c	-0	.0	•	.2			
2C5 k0 PCP		101 1	•	•	- 1	.1	•^	.0	•	-3	•3	•	•2			
PCP -1 -1 -1 -1 -1 -1 -1 -1 -1 -0 -0 +5  5<17 h0 PCP -7 l-1 1-0 1-0 1-3 1-3 1-3 1-4 -7 1-3 9-9  101 x -9 1-2 1-0 1-1 1-3 1-4 1-5 -9 -0 1-3 10-4  PCP -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -0 +1 -4			•	•	•	•	•	•	•	•		•	•2			
PCP -1 -1 -1 -1 -1 -1 -1 -1 -1 -0 -0 +5  5<17 h0 PCP -7 l-1 1-0 1-0 1-3 1-3 1-3 1-4 -7 1-3 9-9  101 x -9 1-2 1-0 1-1 1-3 1-4 1-5 -9 -0 1-3 10-4  PCP -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -0 +1 -4	2<5			•	- 1		. 1	- 1	. 1			-1				
5010 80 PCP		101 1	- 1	•	-1	-1	• 1	- 1	. 1	-1	•0	-1				
70f 2				•	•											
PCP at at at at at at at at at a	5<17															
		101 1	. 9	1.2	1.0	1.1	1.3	1.4	1.5	٠.	.0	1.3	10.4			
	10+	NO PCP	7.2	16.6	8.7	6.3		17.5		5.0						
TOT : 7.3 10.6 6.8 6.5 6.7 10.7 15.2 6.1 .0 12.5 86.5		tot :	7.3	10.4	5.8	4.5	4.7	10.7	15.2	4.1	.0	12.5	**.5			
101 cb5 75C2		101 CB5												76.62		

TABLE 9

			,					CCIION S OF W			(0		
YSBY	SPD KTS	*	٠.٤	Ĺ	SE	\$	S-	•	ke	WAR	CALM	PET	TOTAL OES
	u-3	.0	•	•	٠.	.5	.0	٠.	.0	.0	•	•	
(1/2	4-10	-0	•	.0	•	.0	. 0	.0	•	.5		•	
	11-21	.0	.0		.0	.0	.0	-0	.0	.0			
	22.	. 5	.3	.0	.0	.0	٠.	-0	-0				
	101 2	.0	•	•	•	.0		.0	•	.0	•	.1	
	9-3	-0	-5	•	.c		•	•	•	.c	.0	•	
1/2(1	4-1"	•0		.0	.0	•0	• D	-0	•	-0		•	
	11-21	.5	.0		.0	.0	.c	•	•	-0		•	
	22.	.0	-0	٠.	٠.	.c		•€	.0	.0		. 5	
	101 1	-6	-5	•	.0	.0	•	•	•	.ε	.c	•1	
	C-3	•0	-0	•	•	.0	•	•	.0	.0	-1	. 1	
1<2	•-1n	•	•	-1	- 1	•	•	-1	•	٠.		. 3	
	11-21	٠.	.0	-C	•	.0	. 0	-0	•0	-0		•	
	:2•	-0	•	.5	-0	.0	٠.	•0	-0	-0		•	
	101 2	•	-1	-1	- 1	•	•	••	•	.0	- 1	••	
	C-3	•	•	•	•	•	•	•	.1	.0	.1		
245	4-10	-1	-1	•	•	•	- 1	-1	-1	-0		- 6	
	11-51	•0	-5	•	•	•	•	•	•	٠.		- 1	
	22.	•	-5	.0	٠.	.0	٠.	-0	-0	-0		•	
	ici z	-1	-1	-1	-1	•1	-1	-2	-2	-c	-3	1.1	
	3-3	•2	•2	• 2	-2	.3	.3	• 2	.1	.0	1.1	2.7	
5<10	4-1C	••		. 7	.1	.,	. 9	1.6	- 6	-0		5.8	
	11-21	-1	. 3	-1	. 1	-1	• 2	42	• •	.0		1.3	
	22.	•	•	•	٠.	•	-0		•0	.0		- 1	
	101 1	• 6	1-1	1.0	1.1	1.3	1-3	1.4	.+	-6	1.3	10.1	
	C-3	1.6	1.3	1.4	1.3	2.0	2.5	3.3	1.0	.0	12.9	28.5	
10.	4-10	4.4	6.5	6-1	4-6	6.C	7.2	10.4	5.5	.5		\$1.0	
	11-21	1.4	2.6	- 4	- 6	.7		• •	.7	.0		8.5	
	22.	- 1		•	•	•	•			٠.		•2	
	101 2	7.4	10-4	4.1	٠.5	4.8	10.5	15.1	6.0	.0	12.*	86.2	
	240 101									_	_		746
1	134 151	8.3	11.8		7.8	10.2	17.0	16.7	9.1	-0	14.3	100.4	

We will be the second the second second

AND CONTRACTOR OF THE PROPERTY OF THE PROPERTY

PARCH

PERIOD: (PPIMARY) 1953-1979 107ER-4LL1 1861-1979

TABLE 10

AGEA POSTA BUGICA 7.6% 83.0 W

EPCENT FREQUENCY OF CELLING HEIGHTS IFEET, AM 34/8) AND

HOUR EGHT I	144								45C0 7999		10146	NH C*/6	
00603	-2	-1	.3	3.3	6.3	3.0	1.6		.4		26.4	11.6	1542
34634	- •	•1	. 5	2.3	4.1	3.1		•3		.5	14.4	61.6	1244
12415		.3	.6	4.5	4.3	3.4	1.0	. 5	.3		20.2	74.6	1545
16221	-1	- 1		3.7	6.8	3.5	:.3		.5	1.1	18.4	41.6	1789
101	17	:6	27	218	429	205	48	29	24	**	1091	5129	6325

TABLE 11

TABLE 1:

		PERCENT	FREQUE	CT VS5	Y (NH)	87 HQUE		CURULAT					SET HOUR	
HOUR (GHT)	<1/2	1/2<1	1<2	245	5<10	10-	TOTAL	HGUR (GMT)	<150 <5010				AM (5/8 AND 5+	TOTAL OBS
00633	•1	٥.	.•	.+	e.3	+0.3	1036	20123	.3		4.5	12.4	82.7	1493
06609	-1	-1	.:	1.1	11.4	***	1709	0+60+		.4	4.1	11.0	24.3	1231
12615	-1	-1	.4	1.*	11.7	40.3	1926	12615	.5	1.5	7.0	14.6	78.4	1520
18621	•1	•1	.5	.•	1.0	84.6	2350	16621	-1	. 7	5.1	14.5	ec.5	1716
101	7	•	31	14	813	6880 6840	7821	101	10	57		805 1345	4845	5*6E

TABLE 13

是一个人,我们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们也是一个人,他们是一个人,他们是一个人,他们也不

1/6LE 14

	PERCENT FREQUENCY OF RELATIVE MUMIDITY BY TEMP												ENT FO	[ & L E N C	* CF &	140 0	RECTIC	s er Ir	(44	
154P F	C-29	30-3	40-41	50-51	65-69	70-7*	20-87	+0-100	TOTAL	PC1 FOFC		46	٤	SE	s	S.		**	*14	CALM
95/99	.0								3		.0				.c		٠.			
10/14	.0		5		1-1		. 1	.1	134	2.2	. 1			.2	-2	-2		.2	.0	
85/89					6.5	10.2	2.3	.5	1238	20.4	1.8	2.4	2.5	1.0	1.7	2.2	3.5	1.6	.c	2.9
45/84	.0		,		4.3	29.8	24.4	4.6	4222	67.4	3.2	4.2	6.7	5.1	7.5	4.4	11.9	4.2	.c	10.2
75/79	.0		•		2	1.6	3.5	2.4	470	7.7	1.1	4.4			.7			- 5	٠.	1.0
70/74	.0						•	• 2	11	•2	•	•	•	•	-0	•	•	•	.0	•
TOTAL	٥		1.	129	1041	255A	1000	472	6060	100.0										
PCT	.0		:	2-1	17-1	42.1	30.7	7.8			4.0	12.4	10.*	7.5	16.6	11.7	16.7	7.4	.0	14.6

149LE 15

TABLE 16

	HE 465.	EXTREM	CS AND	PERCES	TILES	of 15:	P 10E	5 F1 &	FU04 T
HQUR (6#7)	*41	***	452	501	52	11	#1H	ME AN	1CTAL CBS
00603	73		£ c	83	7.	77		#3.C	1994
<b>PD340</b>	93	4.6	45	82	78	76	71	\$1.8	1487
12615	67	16		•1	78	75	70	41.3	2059
16621		92	90		7.	77	67	14.6	2622
101	97	90	44	8.2	79	74	4.7	42.4	8559

PEPCENT FREQUENCY OF RELATIVE MUMIDITY BY MOUR CONTROL OF THE PROPERTY OF REAL TOTAL CONTROL OF THE PROPERTY O

PEP100:	(PPIHART)	1950-1976
	CONFR-ALL I	1441-1670

等,这种人们是一个人,他们们是一个人,他们们是一个人,他们们们是一个一个人,他们们们是一个一个,他们们们是一个一个一个一个一个一个一个一个一个一个一个一个一个一

70			TABLE :	17		a×c	. 0511	7.6%		
T FHER OF	AIR TEMPERATURE	1056 61	AND THE	OCCURRENCE	of FOS	THOUT	PPECIP	1TAT10	.,	

OF AIR								ACE IO	FOG TWITH EG F)	1001 P	FE C 1 P 1 1 A	110
A1R-5EA	65	4.	13	77	41	85	24	>92	fot		*0	
IMP DIF		72	76	40	44	8.6	12	•		FOG	FOG	
17/19	.c	.3	.c	.0	•	•	.0	.0	5	-0	-1	
14/16	•0	•0	٠.	•	•	- 1	•	•	12	.0	•2	
11/13	•0	-0	.0	.0	• 2	-2	- 1	-1	39	•	• •	
1/10	.0	. 3	.0	- 1	.2	.2	.2	. 1	45	.0	.7	
7/4	.0	.0	•	. 1		.7	.5	•	114	•	1.7	
6	• 0	.0	.0	-1	. 4	. 6	.5	•	104	•	1.4	
•	• 0	.0	.:	•2	. •		.5	•	159	•	2.3	
•	٠.	•3	•	. •	1.3	1.6			28C	•	4.1	
3 2	.0	.0	•	.3	1.5	1.0		.c	270	-1	3.9	
Z	.0	.0	•		2.9	3.0	.3	.0	464	-1	4.7	
1	٠.	. 5	•	. 7	3.0	2.4	- 1	.5	475	-1	6.9	
5	•0	. 0	. 1		6.4	3.4	- 1	.0	+01	-1	13.2	
-1	.0	.0	•	1.3	9.3	2.1	•	.0	466	- 1	12.7	
-2	.0	.0	. 1	2.1	12.4	1.2	.0	.0	1068	•	15.4	
-3	.c		•	2.0	7.3	. 5	•	.c	569	•	7.7	
	• 0	.0	•	2.6	4.0	- 1	.0	.0	592	•	8.7	
-5	.0	.0	•	1.6	3.1	- 2	.0	-0	337	.0	5.0	
-6	•0	.0	.1	1.2	1.2	•	.0	.5	177		2.4	
-7/-8	.0	.0	. 1		.,	.c	.0	.2	125	.0	1.0	
-9/-10	.0		. 1	- 1	-2	•	.0	.0	30	.0	. •	
-11/-13	.0	•	.2	-1		٠.	-0	•0	20	.0	.3	
-14/-16	•	•	•	•	.0	.0	.0	•0	•	.0	•1	
-17/-19	•	.0		.0	-0	.0	-0	-0	1	.0	•	
TOTAL	5				4092		217			44	6727	
		6		1676		1288		19	4771			

PERIOD: (OVER-ALL) 1963-1979 TABLE 16 PCT FRED OF WIND SPEED INTS) AND DIPECTION VERSUS SEA HEIGHTS IFTI 11-21 .\* 2.4 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 1-3 HGT
<11-2
3-9
5-6
7
6-9
10-11
12
13-16
17-19
20-22
23-25
24-38
49-66
61-70
71-86
71-87 22-33 3a-a7 .C .D .D .D .D .D .D .D .D HGT C1 1-2 3-9 5-6 7 8-7 10-11 12 13-16 17-19 24-32 23-25 24-32 41-48 49-66 61-76 71-66 87-70 71-70 71-70 71-70 71-70 

050100			1441-1						<b>MARCH</b>							
PERIOD:	10451		1407-1					TABLE	14 (CCNT)	•			TEET	7.6	PUNTA I	
				-		* 6120	SPEED	(#12)	AND CIRCO	. 1104 4	£8202 3	ER HEIG	M15 (71)			
				\$								Se				
H61 <1	1-3	4-10	11-21	55-33	34-47	48.	PCT		1-3	4-10	11-21	22-33	34-47	46:	PCT	
1-2	::	4.4		.5	.0	.0	2.6		1.5	2.4	-1		•c	٥.	••0	
3-4	.1	1.2	. 5		.0		1.7			.,7	.,		.0	ن.	7.2	
5-6	•	•••				::	•::		*:	.,	::	::		:0		
7,	.0	.0	.5		.0				•0		::				:i	
4-9			3.		.c				3.				.3	3.		
10-11	.0	.0	.0	.0	.0	.0	.0		, č		.0		.5		.0	
12	.0	.0	-0	.0	.c	.0	.0		2.	• 0		.0	.0	٠.		
13-10	.0	.0	.0	.0	.c	.0	.0		٠.	- 0	• 9	-0	.0		.0	
17-19	.0	.0	-C	.0	.0	-0	.0		.0		.0	. 2	.3	٦.	.0	
20-22	.0	.0	•0	.0	٥.	.0	.0		.0	-0	.0	.0	.c	3.	-0	
23-25	.0	.0	٠٥.	.0	.5	.0	.0		.0	- 0	.0	.0	.0	٠.		
24-35	.0	٠.	.0	.0	.0	.0	.0		.0	•0	•0	.0	.0	٠.	.0	
33-40	•0	-0	.c	.0	.0	.0	.0		.0	.3	.0	.0	•0	٠Ļ	.0	
41-48	•0	.0	•0	.0	.0	-0	.c		•0	-8	.0	.0	٠.	-0	.0	
49-60	-0	.0	.0	٠.	-c	-0	-0		•0	٠.	.0	.0	٠.0	3.	.0	
61-70 71-86	.0	.0	.0	٥.	.0	-0	•0		-0	••	.0	.0	.0	-0	٠.	
A7+	.0	:0		.0	.0	.0	٠.		3. 0.	•0	.0	::	.0 .0	3. 3.	.0	
TOT PCT	1.6	7.4		 3.	::	.0	•••		2.4	7.1	1.5		.0	3.	13.0	
101 761	4.0	***	••				7.7		2.4	7.1	1.5				13.5	
				¥												TOTAL
MET	1-3	4-10	11-21	22-33	34-47	44+	721		1-3	4-10	11-21	22-33	34-47	44+	PCT	PCI
<u> </u>	1.5	3.5		**-33	.0		5.1		1.1	1.3	.0	.5	3.	3.0	2.4	
1-2	1.4	6.5					1.4		*::	4.7		.5	.5		6.0	
3-4	-1	2.1			.5		2.5		.1	1.1	. 3	.1			1.5	
5-6		.2	•	.0	.0	.0	2		.0		.1		.a	1.	1	
7	.0	.0	٦.	-0	.0	.0	.0		.0		.1	-0	.0		.1	
6-9	.0	٠0٠	0	-0	.0	.0	.0		.0	.0	•	-0	.0	.0	•	
10-11	.0	٠.	.0	.0	.0	.0	.c		-0		-0	.0	.0	.0	.0	
12	.0	.0	-0	.0	-0	.0	-0		•0	.0	-5	.0	.c	٦.	•0	
13-16	•0	.0	•c	-0	•0	٠.	-0		.0	.,	-0	.c	.0	.0	.0	
17-19	•0	٠.	- 2	.0	.0	-0	40		.c	.0	-0	.0	.c	.0	.0	
20-22	.0	.0	-6	.0	.0	.0	.0		.0	.8	-0	.0	.c	3.	-0	
23-25	٠.0	٠.	•0	.0	••	•0	.0		•0	-5	-0	.0	.0	٦.	•0	
26-32 33-40	.0	.0	.t	.0	.0	.0	.0		.0	•0	-0	.c	.0	2. 3.	.0	
91-98				:0		.0	.0		.0	٠.	-0	::	.0	3.	.0	
49-40	.0	.0		.0	.0	.0	.0		.0	3.	.0		.0	::	.0	
61-7E			::	.0	:5	::	.0		.0	-5	.5		.0	::	.0	
71-84			.5	-0							:0				.0	
87+			.0		.č	.0					.0			3.		
101 PC1	3.0	12.3	.,	.0	-0	.0	16.2		2.0	7.1	1.0	- 1	.0	.0	10.1	84.8

THE PARTY OF THE P

	WIN	SPEED	(KTS)	TS SEA	HEIGHT	(FI)		
HST	0-3	4-10	11-21	22-33	34-47	48.	PCT	TOT 085
<1	22.6	15.4	•2	.0	.0	.0	38.2	***
1-2	4.8	33.0	۹.0	.0		-0	43.8	
3-4	.5	8.8	5.5	.2	.0	-9	15.1	
5-6	•1	- 5	1.2	•2			2.0	
7	.0	.1	.5	.0				
4-9	.0							
10-11	.0			.0				
12		.0		.c				
13-16								
17-19		::						
20-22		3.						
23-25	.6	٠.	٦.			.0		
24-32	-0	-0	-0	٦.		.0		
33-43	.c	.0	•0	.0	٠.	.0	.6	
41-46	-0	.0	.0	.0		.0	.0	
49-63	.0	.0	•Ĉ	.0	.0	.0	-0	
61-70	.0	.0	.0		.0			
71-86	-0	.0	.0		.0			
27.	.0	.0	-0					
						•••		1723
101 PCT	30.2	57.7	11.5	.5	3.	.0	100.0	

是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人,他们是一个人

#-9 10-11 -1 -1 -1 -2 -1 -2 -1 71-86 .0 .0 .0 .0 .0 NEAU NGT 2 3 4 4 5 5 12.3 .3 .1 .0 .0 .0 .0 .0 .17.6 1521 36.2 1-2 24.5 3.6 1.3 1.5 .0 2.4 1669 33.2 3-4 12.6 4.3 2.4 1.9 1.2 .0 1.8 1218 24.2 5-6 2.2 2.0 1.3 .6 .5 .6 .8 .......... 707AL 2631 556 303 239 106 91 1155 5031 ........ .......... 0000000000 ........ 0000000000 000000000 

PERIOD: (PREMARY) 1050-1078 (OMER-ALL) 1862-1079

是是是这种,是是是一种,是是是一种,是是是一种,他们也是是一种,他们也是是一种,他们也是是一种,他们也是是一种,他们也是一种,他们也是是是一种的,他们也是一种,

TABLE 1

APEA DC'1 FURTA BURICA 7-60 83-00

DERCEAT	FRE SHELCY	D.F	AFATMER.	33#3#EU333	24	LILD	DIRECTION

			•	ACCIPI	TATIC	L TIPE					01461	. PETMER	PM{ &0	P[ % 6	
*## D15	#41N	SHUR	9476	FRZS PCPh	SAC.	OTHER FRZA PCPA	MAIL	PCPS AT OB TIME	PCP% PAST MOUR	THOR LING	F05 -0 FCP4	FOS MO PCPN PAST HE	SHORE	STPC ZMOR STPC ZGZ1 ZBSTA	
3	2.6	.4	.0	.c	.c	٠.	٠.	5.7	4.1	3-1	- 1	٠.	3.3	-3	45.7
A.C	1.7	1-1			.0	.0	. L	3.4	2.8	3.1	. •	٠٤	2.3	٥.	87.9
E	2.1			.0	.0	.0	.0	3.4	2.*	2.6	.5	٠.	3.5	٠.	67.1
\$€	2.0	Z • 3		٠.	.0	.:	٠.		2.7	4.2	. 7	٠.	2.0	٠.	44.4
3	1.8	2.4	.7	.0	.0	.:		4.7	4.1	4.6	- 2	٠.	2.6	.0	43.6
1.2	2.0	2.2	.,	-0	.0	.3		5.2	2.5	5.1	- 3	٠٤	1.6	.3	45.7
•	2.3	1.4	.4	.0	.3	.2	٦.	4.1	7.4			٠.	2.1	-1	44.7
44	2.2	1.7		.:		.2		4.5		7.2	•2	٠.	1.3	.0	42.5
440	.5	•е	3.		.0	э.				.0	. 5	-0	.0	.0	
CAL-		1.5	1.0		.0	.2	.L	3.1	3.5	:. <b>4</b>	- 4	٠.5	• • 2	.0	43.6
101 PCT	1.9	1.7	.7	-5	.0	-3	-5	4.2	3.2	•.•	•5	.c	2.5	•	45.5

### TAPLE 2

#### PERCENT PREDICTOR OF MEATHER OCCURRENCE BY HOUR

mau# 16=11 PCCC3 C6CC9 12615 14621			,	**[[]	STATIC	S TTPE					CIME	RETAINED	PHE #0	PENA	
	<b>91]</b> #	ALAR Runz	0#ZL	FRZG PCP4	5406	OTHER FRZS PCPX	MAIL	PEPN AT CD TIME	PCP% PAST NOUT	ther Lins		FCS WC PCPW PAST ME			
	1.2	.7	.4	•0	-0		ء.	2.3	1.5	2.5	. 3	٦.	2.0		10.7
CFECA	2.6	1.7	.•	.0		٠.	3.	**:	2.4	12-1	. •	.0	2.7	-1	77.9
12615	2.7	2.5	1.2	-5	.0	3.	.5	6.4	5.5	1	- 5		2.2	.0	41.0
14621	4.1	1.4	.5	-0	٠.	.5	٠.	4.5	2.4	-6	. •	ع.	2.5	•	49.2
101 PC1	2.0	1.7	.7	.5	.c	٠.	.t	4.2	3-2	4.6			2.5	•	45-1

### TABLE 3

### PERCENTISE PREGUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		-:-	0 5066		753								#\$U#	15+11			
AFC DIS	3-3	4-10	12-21	22-33	34-47		TOTAL	PCI	PEAR	CS	03	C &	69	12	:5	18	21
							286	FREE	200								
•	1.6	3.2		•	.0	-0		5.5	6.2	1.0	3.0	4.6	3.7	1.1	5-1	6.2	3-6
NE.	1.4	5.1	1-1	•	.2			7.6	7.1	2.2	6.3	4.2	• . 5	12.0	6.2	1.6	1.4
£	1.8	5.4	.,	-5	.c	-0		4.3	6.3	4.3	:	5.4	5.2	10.5	12.0	11.7	7.2
32	2.2	4.4	.,	~5	-0	-0		7.7	4.2	0.0	7.4	7.6	7.1	4.0	1.5	14.0	1
3	3.2	10.1	1.3	•		-0		14.6	6-1	21-9	11.0	1:.7	13.0	1.4	4.2	14.4	19.0
Se	3-0	11.4	1.0	٠.	.5	-0		15.9	4.3	27.9	21.2	15.2	14.4	4.2	11.1	12.0	14.4
	3.4	12.	1.5	٠.	-6	•2		17.3		22.3	3 -3	19.6	19.1	15.3	16.3	12.6	14.7
A.L	1.6	5.6	.7	.0	-0	-0		7.9	4.3	•••	4.9	8.5	10.7	12-1	13.*	4.7	5.0
414		. 3	.2	-5	.0	- 2			.:	-0		.0	.0	.3	-:	-0	.5
CALM	13.0							13-0	.5	7-3	7.,	13.4	39.0	14.1	15.8	12.5	10.4
240 101	2524	4000	674	•	p	9	£105		5.5	1845	91	1559	205	1783	196	2179	247
101 PET	31.2		4.3	•	•=	-0		105.0		150-5	100.0	100.0	100.0	105-0	100.0	123.0	163.0

TABLE 34

		MIND	SPEED	INTERSI						₩£L	1691	)
SIG CA	5-6	7-16	17-27	26-40	41-	TOTAL	PCT	WEAR	63	24	12	16
			_			083	FREE	5 <b>P</b> C	53	59	15	21
2	3.4	2.0	-1	.e	٠.		5.5	4.2	2,5	4.5	*.3	
».E	4.2	3.3	.2	.:	٠.		7.6	7.1	2.5	4.5	11.4	9.7
ε .	5-1	3.1	-1		э.		4.3	6.3	•-2	5.9	15.6	11-3
SE	4.2	3.7	•	.c	-0		1.1	6.2	4.0	8-1	8.9	14.1
5	9.5	5.0	- 1	٠.	- 5		24.6	0.1	11.3	13.7	6.6	18
5.	9.8	5.9	.2	.5	٠٤		15.0	4.3	27.6	15.1	1.4	12.3
ě	15.6	6.5	-1	-0			17.3	6.4	22.6	19.5	15.4	12.0
No.	5.1	2.7	-1				2.4	4.3	4.2			
TEP		-0	.0	.5	.3						.0	.0
CALF	13.0						13.0	.0	7.1	18.5	14-3	12-3
131 695	5417	2612	76	5	E	9165		5.5	1714			2424
101 PCT		32.2		.č	-3		163.3			100.5		

APRIL

PERIOD: (PRIMARY) 1957-1979 (OVER-ALL) 1862-1979

TABLE .

AREA TOIL PURTA BURICA 7.69 83.00

139	TAGE	FREQUENCE	OF	<b>6140</b>	SPEEC	BY	HOUR	(CHI)	

				WIND	SFEED E	KNOTSI			PCT	TOTAL
HOUR	CALM	1 - 3	4-10	11-51	22-33	34-47	46 *	HEAN	FRED	OES
00603	7.3	16.1	67.0	9.6	.0	.0	.0	6.1	100.0	1936
90380	18.5	16.6	26.7	8.2	.1	.0	٠.	5.2	100.0	1764
12615	14.3	20.2	56.4	9.0	.1	٠.	-0	5.4	100.0	1979
15621	12.3	19.6	31.2	6.8	•	.0	.0	5.3	100.0	2426
101	1050	1478	4899	674		ú	0	5.5		8105
129	13.0	14.2	60.4	3.5	•	. c			100.0	

TABLE 5

1 ABLE 6

,	CT FRE			LOUD A		(EIGHTHS)		1					CEILIN NH CS/					
WND DIR	0-5	3-4	5-7	8 ¢	TOTAL	MEAN CLOUD COVER	CUO 149	130 299	300 599	600 999	1000	3499	3550 4999	5000		*000	NH (5/8 ANY HGT	
N	1.7	1.1	1.8	.6		4.2	.0		•	.3	.5	.2	.1		.0	.1	4.2	
NE	2.5	1.4	2.5	1.0		4.1	•	•	- 1	. 3	. 6	.2	.2	•	. 1		5.8	
ε	2 . 3	1.5	2.5	1.9		4.5	.0	. 1	•	.5	. 7	.3	.2	•	- 1	.1	6.2	
ŠE	1.9	2.0	4.2	1.9		5.0	.1	•	•2	. 5	1.2	. 4	. 4	. 1	•		4.6	
S	2 - 1	3.3	6.9	2.9		5.2	. 1	. 1	. 5	1.3	2.0	.7	. 4	. 1	•	. 1	9.9	
ŠV	2.6	3.2	6.5	3.7		5.3	.1	•	. 4	1.0	1.9	.7	. 3	. 1	. 1	. 1	11.1	
	3.9	3.4	7.0	2.0		4,4	. 1	•	.2.	1.1	1.6	.6	.5	. 1	. 1	. 1	12.7	
NW	1.6	1.9	2.8			4.4	•	. 1	. 1	. 5	. 9	. 3	. 2			•	5.6	
VAR	• 0	• 0	• 0	•0		• 3	.0	.0	.0	.0	.0	.0	. C	. 1/	.0	.0	.0	
CALF	3.6	3.5	4.1	1.7		4.2	. 1	•	. 2	. 7	1.1	. 4	• 2	- 1	•	•	10.2	
TOT OBS	1251	1219	2166	1006	5642	4.4	26	18	90	373	593	224	1+0	3.	23	38	4080	5642
TOT PCT	22.2	21.6	38.4	17.8	100.0		.5	. 3	1.6	6.6	10.5	4.0	2.5	. 7		. 7	72.3	100.0

TABLE 7

# CUMULATIVE PCT FREQ OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NH >4/8) AND YSBY (NH)

						AZBA (FR	1)			
	Ct	ILING	= QR	≎ CR	± 0R	= OR	~ OR	= OR	# OR	: OR
	"	(133	>10	>5	>2	>1	>1/2	>1/4	>SCYD	>5
=	QR	>6500		1.0	1.3	1.0	1.0	1.0	1.0	1.0
=	OF	>5000	1.4	1.6	1.7	1.7	1.7	1.7	1.7	1.7
z	0.4	>3560	3.7	5.1	4.2	4.2	4.2	4.2	4.2	4.2
:	GR	>2000	6.9	8.0	8.2	8.2	8 • 2	8.2	8.2	8.2
:	0R	>:000	15.6	18.3	18.7	18.7	18.7	18.7	18.7	14.7
z	OR	>600	20.6	24.7	25.3	25.3	25.3	25.4	25.4	25.4
٠	JR	>300	21.7	26 - 1	26.8	24.9	26.9	27.0	27.0	27.C
:	0R	>150	21.9	26.4	27.1	27.2	27.2	27.3	27.3	27.3
:	ÓR	> 0	22.1	26.8	27.5	27.7	27.7	27.7	27.7	27.7
		TOTAL	1307	1584	1627	1637	1638	1642	1642	1642

TOTAL NUMBER OF OBS: 5919

PCT FRED NH <5/A: 72.3

TABLE 74

# PERCENTAGE FREQ OF LG. . . (EIGHTHS)

0 1 2 3 4 5 6 7 8 085C0 065 13.7 14.2 19.1 15.5 12.4 6.0 7.4 .1 7.3 .3 6306

PRIL

							4	PRIL							
(PPIMARY) 1 (OVER-ALL) 1							**	eLE 8				ARE	A 0011	PUNT 7.6N	A BURICA 83.04
		PE	RCENT					4140 A1					E OF		
VS87 (NH)		ħ	NE	C	SE	\$	SW	٠	NW	AYO	CALM	PCT	1014L 085		
	PCP	.0	.0	•0	•0	•	•	·c	.0	.c	•				
<1/2	NO PCP	.c	.c	• C	.0	•	. C	.0	•	.0	•	•			
	101 1	. 5		.0	.0	•	•	•0	•	.0	•	• 1			
	PCP	. 0	.0	.0		•c	•	•	•	.0	.0	•			
1/2(1	NO PCP	.0	•	•	•0	• 0	• C	•	•	.0	٠.	. 1			
	101 1	•0	•	•	•	• 0	•	•	•	.0	.0	.1			
	PCP	•	•	•	.0	•	•	• 1	•	.0	•	.2			
1<2	NO PCP	.0	•	•	•	•	• C	•	•	.0	•	• 1			
	101 7	•	•	•	•	. 1	•	• 1	•	o.	•	••			
	PCP	•	• 1	•	•	- 1	. 1	• 1	•	•0	•	.5			
2<5	NO PCP	.0	•	. 1	• :	- 1	. 1	• ?	•	.0	•	-6			
	101 .	•	.1	•1	- 1	• 2	• 3	• 3	•1	.0	- 1	1.1			
	PCP	.:	-1	- 1	. 3	. 1	. 3	.1	. 1	.0	• 1	1.5			
5610		. 7	• 7	. 8	1.1	1.7	1.3	1.4	.6	.0	1.2	+.8			
	101 1	. 8	.7	1.0	1.4	2.0	1.6	1.5	. 9	.0	1.3	11.2			
	PCP	. 1	•:	. 1	•2	. 3	. 4	. 4	.2	.0		2.0			
10+	NO PCP	4.6	6.6	7.2	8.2	12.3	13.8	15.0	6.7	.0	10.7	85.2			
	tot :	4.7	6.7	7.3	8.4	12.6	14.2	15.3	6.9	.0	11.0	87.1			

TOT DES TOT PCT 5.5 7.6 8.4 9.9 14.7 16.1 17.3 8.0 .0 12.4 100.0

TABLE 9

								ECTION S OF V			ξO		
4587 (NM)	SPD KTS	N	NE	£	SE	s	S		NW	VAR	CALH	PCT	TOTAL
*****	0-3	.0			.0	.0	.0	٠.	.0	.0		. 1	
<1/2	4-10	:0	.5		:6	.1		••	:0	::	•		
11/2	11-21	.0			:	•	:			:6		*	
												.0	
	22+	٠.	•0	.0	.0	•0	•0	•0	.0	.0			
	101 1	•0	•	•	.0	.1	•	•	•	•0	•	• •	
	0-3	.0	.0	•0	•	.0	.0	•	•	.0	.0	•	
1/2(1	4-10	.0	•	.0	.c	.0	.0	•	.0	•0		•	
	11-21	.0	•	•	٠,٥	.0	•	•		•0		•	
	22+	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	
	101 2	.0	•	•	•	.0	•	•	•	.0	.0	. 1	
	G-3	•	•			.1	•	. 1	.0	.0	. 1	.2	
1<2	4-10	.0		•	•			.1	•	.0		.2	
	11-21	.0	.5	.0	.0	.0	. 0		.0	.0		•	
	22+	.0	.0	•0	.0	.0	.0	.0	.0	.0		.0	
	TOT &	•	•	•	•	-1	•	- 1	•	.0	- 1	. 4	
	0-3	•	•		•		.1	.1	•	.0	-1		
245	4-10	•		• 1	. 1	- 1	• 2	. 2	.1	.0		.8	
	11-21	.0	•		•	. 1	. 1	- 1		.0		.4	
	22+	.0	.0	•0			.0	.0	.0	.0			
	101 1	•	. 1	•2	. 2	. 3	• 3	. 3	•1	•0	.1	1.6	
	0-3	.2	.2	.2	.2	.4	. 3	. 3	.2	.0	1.4	3.4	
5<10	4-10	. 4	.5	.6	1.0	1.3	1.1	1.0	.6	.0	-	6.6	
	11-21	• 1	.1	• 1	.2	• 3	. 2	• 2	. 2	.0		1.4	
	22+	.5	.0	٠.0	.0	.0	.0	• 0	.0	.0		.0	
	101 2	. 8	. 8	1.0	1.4	2.0	1.6	1.5	. 9	.0	1.4	11.4	
	a-3	1.5	1.2	1.5	1.8	2.6	2.6	2.8	1.4	۰۵	11.2	26.4	
10.	4-1C	2.7	4.4	5.1	5.8	8.7	10.3	11.1	4.9			53.1	
	11-21	.5	1.3			• •	1.2	1.2	. 5	.0		6.7	
	22.	•		.0		.ó			.0			•	
	101 :	4.7	4.6	7.1	8.4	12.3	14.1	15.2	6.8	.0	11.2		
	250 101												741
	TOT PCT	4.4	7.5	4.1	10.0	14.7	14-1	17.2	7.0	٠.	12.8	100.0	-

								APP	IL					
PERIOD: (PRIMARY (OVER-AL	) 1950-1 L) 1867-1							TARLE	10			AF	11'00 A3	PUNTA BURICA 7.68 &3.08
				PEP	CENT F				G HEIG HH <5/			24/87 /	IND.	
	HOUR (GHT)	C00 149	150 299	300 599	600	1000	2000 3499	3500 4999	5000 6499	6500 7999	*000*	TOTAL	NH <5/8 ANY IIGT	
	00603	.4	. 3	•6	5.0	9.1	3.4	2.9		.6	1.0	23.6	76.2	1578
	90340	. 7	.2	. 9	5.4	10.6	3.9	1.9	.6	.2	.3	24.7	75.3	1269
	12615	.3	•3,	2.5	4.0	11.C	4.1	2.0	.5	. 3	. 3	29.6	70.4	1569

98 393 625 236 147

是是对外的对方。 1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,1915年,19

				TABLE	11						TABLE	12		
		PERCENT	FREQUE	4CY <b>V</b> SB	Y (48)	BY HOUR	•	CUMULAT					VSBY (4K) Bi,by Hour	
HOUR (GMI)	(1/2	1/2<1	145	2<5	5<10	10+	T TAL OBS	HOUR (GMT)	<150 <50YD	<600 <1	<1000 <5	10CU+ AND5+	NH <5/8 AND 5+	TOTAL OBS
00603	•0	•1	.3	1.4	9.5	88.8	1871	00003	.4	1.2	7.0	18.0	75.0	1519
06609	•2	.1	.4	1.6	14.5	83.1	1712	06689		2.2	5.0	17.9	73.1	1198
12815	.3	-1	.7	1.7	12.1	85.1	1919	12615	. 3	3.6	12.3	18.6	69.2	1514
18621	•3	.1	.4	1.7	10.4	87.2	2273	10621	.4	2.8	10.7	18.7	70.6	1688
101 PC1	16	.1	33	125 1.6	894 11.5	6699 86.2	7775 100.0	101 PC1	27	145	581 9.8	1045	42\$3 71.y	571 <b>9</b> 100.0

39

1695 26.6 4437 6182 73.4 100.0 and the second of the second o

ないまり

				1	ABLE 1	3									TABL	E 14				
	PERCI	NT FR	EQUENC	r OF A	ELATIV	E HUMII	) I T T B	TEMP	TOTAL	PCT		PERC	ENT FR	EQUENC	Y CF b	IND 01	RECTIO	N BY T	EMP	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	40-100	085	FREG	N	NE	Ł	SE	\$	Sw	•	NW	VAR	CALM
95/99	.0	• 0	•	. 1		.0	.0	.0	9	•1	.0	•0	•	.0	•	•	•	•	•0	•
90/94	.0	.0	•		1.3	. 5	. 1	•	135	2.2	• 1	. 3	•2	• 3	.3	.3	.2	+2	• C	. 3
85/89	.0	.0	. 1	. 6	5.1	9.9	2.9	.5	1182	19.2	1.1	1.8	1.8	2.0	2.6	2.7	3.1	1.5	.0	2.5
80/64	.0	.0	. 5	3		26.0	33.1	5.7	4262	69.2	3.7	4.6	5.5	6.5	10.9	11.6	12.7	5.1	• 0	8.7
75/79	.0	.0	.0	.0	•	1.3		3.9	557	9.0		1.1	1.1	1.0	1.2	1.1	1.6		.0	1.0
70/74	.0	.0	.0			.0		. 1	11	. 2	•	.0	.0			•	•	•1	.0	.0
65/69	.0	.0	.0	.0		.0	.0	•	1	•	.0		.0	٥.	.0	.0	.0	. 0	• 0	•0
TOTAL	ō	0	7	74		2306	2473	638	6157	100.0							•••			- •
PCT	.0	•0	.1	1.3	10.6	37.5	40.2	10.4		/-	5.6	7.8	8.6	9.8	15.1	15.7	17.1	7.6	•0	12.6

				TAS	SLE 15									TABLE	16			
	MEANS,	EXTREM	S AND	PERCE	ITILES	OF 1EH	P 10E	5 F)	er Hour		PERC	ENT FRE	QUENCY	OF RELA	114E HI	1410114	84 HOUR	•
HOUR (GHT)	PAX	991	952	50%	51	12	HIN	HEAN	TOTAL	HOUR (GMT)	0-29	30-59	60-69	70-79	80-89	90-100	MEAN	TOTAL
00203	96	6.8	46	4.3	79	77	68	82.8	1993	20203	.0	.6	7.7	42.6	41.2	7.6	79	1616
CEEB9	91	86	85	42	78	77	69	81.8	1879	06639	.0		3.9	34.4	49.0	12.4	82	1403
12615	94	86	84	41	78	75	67	81.3	2060	12615		. 3	5.1	29.8	48.6	16.2	82	1641
18221	91	92	90	84	79	77	65	44.4	2506	18621	.0	3.7	22.9	42.1	24.7	6.7	75	1824
101	94	. 0	88	42	78	76	65	62.7	8436	101	Ö	87	682	2427	2600	684	79	6484

PAIL

TABLE 17								AP.	111						
*** AIR-SEA TEMPLEATURE OIFFERENCE (OEG F)  AIR-SEA 65 69 73 77 81 85 69 >***2 10T b c C THP OIF 68 72 76 80 84 88 92 F0G F0G  17/19 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0								TABLE	17				APEA (		PUNTA BURICA 66 83.GW
THP DIF 68 72 70 80 44 68 92 FOG FOC  17/19 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .0 .0 .1 .1 .1 .1 .1 .1 .27 .0 .1 .1 .1 .1 .1 .27 .0 .2 .4 .9 .1 .2 .1 .2 .1 .2 .1 .2 .1 .2 .1 .2 .1 .2 .1 .2 .1 .2 .1 .2 .1 .2 .1 .2 .1 .2 .1 .2 .1 .2 .1 .2 .1 .2 .1 .2 .1 .2 .2 .1 .2 .3 .5 .0 .5 .5 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .1 .1 .1 .2 .7 .0 .5 .4 .2 .1 .1 .1 .1 .1 .1 .2 .2 .2 .1 .2 .3 .2 .2 .1 .2 .3 .2 .2 .1 .2 .3 .2 .2 .1 .2 .3 .2 .2 .1 .2 .3 .2 .2 .1 .2 .3 .2 .2 .1 .2 .3 .2 .2 .1 .2 .3 .2 .2 .1 .2 .3 .2 .2 .3 .2 .3 .1 .2 .2 .2 .1 .2 .3 .2 .2 .2 .1 .2 .3 .2 .2 .2 .1 .2 .3 .2 .2 .2 .1 .2 .3 .2 .2 .2 .1 .2 .3 .2 .2 .2 .1 .2 .3 .2 .2 .2 .1 .2 .3 .3 .1 .3 .1 .2 .2 .2 .3 .3 .3 .1 .3 .3 .1 .3 .2 .2 .2 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3 .3		PCT FREQ	OF AIR										CUT P	PE CIPI	1471037
14/16											>#2	101			
11/13								.0	.0	•		1			
7/1C									•		-				
7/8															
6 .0 .0 .0 .0 .2 .2 .4 .5 . 74 .0 1.1 .5 .0 .0 .0 .1 .1 .5 .0 .0 .0 .1 .4 .9 .6 .0 .1 .1 .5 .0 .0 .1 .1 .5 .0 .0 .1 .1 .5 .0 .0 .0 .1 .1 .5 .0 .0 .0 .1 .1 .5 .0 .0 .0 .1 .1 .5 .0 .0 .0 .1 .1 .5 .0 .0 .0 .0 .1 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0 .1 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0															
5							• 1								
\$ \cdot \cdo			6								-				
5 ." .J .C .2 .1.1 1.3 .2 . 189 . 2.6 2 .2 .0 .3 .3 .2 .0 .2.5 .3 .3 .0 .0 .3 .5.9 10 .0 .4 .3 .0 .2.00 .0 .15 .1 .6.0			٤	- 13									•		
2 .0 .0 .0 .3 2.0 2.5 .3 .0 .0 .0 .5 .9 .1 .0 .0 .0 .0 .1 .1 .6.0 .0 .0 .0 .1 .1 .1 .0 .0 .0 .1 .1 .1 .0 .0 .0 .1 .1 .1 .1 .0 .0 .0 .1 .1 .1 .1 .0 .0 .0 .1 .1 .1 .1 .0 .0 .0 .1 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0			4										•		
1			5	•									•		
0			2	.:		•							•		
-1			1	• ^		•				•					
-2						•									
-3				.r		•									
-4 .3 .3 .1 2.5 6.5 .3 .0 .0 639 • 9.4  -5 .0 .0 .1 2.4 4.0 .1 .0 .0 49 • 6.6  -6 .0 .0 .1 1.4 1.3 .1 .0 .0 194 .0 2.4  -7/-8 0 .0 .2 1.5 .9 • .0 .0 180 .0 2.6  -9/-8 0 .0 .1 .1 .1 .0 .0 .6 22 .0 .9  -11/-13 .9 .0 .1 .1 .1 .0 .0 .6 22 .9 .3  -14/-16 • • • 0 .0 .0 .0 .0 .3 3 .0 •  107AL 4 59 4133 206 39 6756						•				-			- 1		
-5													•		
-t .0 .0 .1 1.4 1.3 .1 .0 .0 194 .0 2.4 -7.7-8 .0 .0 .2 1.5 .9 4 .0 .0 180 .0 2.6 -9.7-10 .0 .0 .1 .t .2 .0 .0 .0 .2 1.5 .9 4 .0 .0 .2 1.7 .1 .0 .0 .0 .2 .0 .9 -11/-13 .7 .0 .1 .1 .1 .0 .0 .0 .0 .0 .2 .9 .3 -14/-16 4 5 4 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0													•		
-7/-6 .C .0 .2 1.5 .9 .0 .0 .0 180 .0 2.6 -9/-10 .0 .0 .1 .6 .2 .0 .0 .0 .0 .52 .0 .9 -11/-13 .7 .0 .1 .1 .1 .0 .0 .0 .0 .2 .0 .9 -11/-16 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0															
-9/-10 .0 .0 .1 .6 .2 .0 .0 .3 62 .0 .9 -11/-13 .7 .0 .1 .1 .1 .0 .0 .0 .2 22 .0 .3 -14/-16									- 1						
-11/-13 -7 .0 .1 .1 .0 .0 .0 .2 .0 .3 -14/-16 + + + 0 .0 .0 .0 .0 .0 .3 .0 + TOTAL + 59 4133 206 39 6756						. 2	1.5		•						
-147-16 + 4 .0 .0 .0 .0 .0 .3 .0 + TOTAL + 59 +133 206 39 6756 1 1145 1223 24 6795					- 0	. 1									
TOTAL 4 59 4133 2C6 39 6756 1 1145 1223 24 6795			-11/-13		.0	. 1	- 1	. 1	.0		٠.	22		. 3	
1 1145 1223 24 6795					•		.0		.0		.0	3			
			TOTAL	•		59				206			39	6756	
					1										
9.4 6. 0.001 4. 0.6 0.81 8.08 9.61 9. 4 1. 139			PCT	. 1	•	٠,	16.9	60.6	15.0	3.0	. 4	100.0	.6	59.4	

PER100: (OVER-ALL) 1963-1979

TABLE 15

				90	T FREO	OF WIND	SPEED	(KIS) AND DIRE	CTICK W	ERSUS S	EA HE10	HTS (FT	,	
				N							NE			
HGT	1-3	4-10	11-21	22-33	34-47	484	PCT	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1	. 7		•1	•0	•0	٠.	1.6	.8	1.9		.0	.0	.0	2.7
1-2	.2	1.4	• 1	•0	•0	.0	1.7	•2	2.6	.5	.0	.0	.0	3.5
3-4	•0	-6	•2	.0	.0	.0	. 8	-1	. 9	.6	.0	.0	.0	1.6
5-6	.0	.2	- 1	.0	•0	.0	.2	.0	- 1	• 2	.0	.0	.0	. 4
7	٠.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	. 1	.0	.0	. 1
8-9	.3	• 0	٠.	•0	.0	.0	.0	•0		.0	.0	.0	.0	• 3
10-11	.0	.0	•0	.0	.0	.0	.0	•0	-0	•0	.0	.0	٠.	.0
12	.0	.0	•0	.0	.0	-0	.0	.0	.0	.0	٠.	.0	.0	•0
13-16	.0	. 3	٠.	.0	.0	.0	.0	•0	.0	-C	.0	.0	•0	.0
17-19	.0	.0	<b>₽</b> 0	•~	•0	~0	.0	•0	٠.	.0	.0	.0	.c	•0
20-22	٠.	.0	. 3	.3	.0	٠.	.0	•0	.0	•0	.0	.0		•0
23-25	.c	.0	- 0	.0	• 6		.0	.0	. 3	.0	.0	.0	.0	•0
26-32	.0	-10	•"	•0	- :	٠.		•0	٠.	•0	.0	.0	.0	•0
33-4C	•6		.0	٠.	.0	1.5	. 0	.0	.0	.0	.0	.0	.0	•0
41-40	٥	.c	•0	.6	.0	• -	2	•0	-0	•0	.0	.0	٥.	.0
49-60	•0	٠.	•0	•0	۰,0	٠.	.0	•0	.0	•0	.0	•0	.0	.0
63-70	•0	. )	•0	. (1		-0	.0	•0	٠.	-0	.0	.0	.0	-0
71-86	- 3	.6	•0	.0	٠.	••	.0	.0	•0	•с	.0	٥.	.0	•0
47-	د.	.0	.0	•C	• 5	ی.	.0	•0	.0	•0	.0	۰.	.0	-0
TOT PCT	. 9	3.0	٠.5	4.2	7	٠0	4.3	1.0	5.6	1.4	-1	•0	.0	8.4
				£							SE			
HLT	1-3	(0	11-21	22-33	34-27		PCT	1-3	4-10	11-21	22-33	34-47	48*	PCT
<1	1.0	1.8	.0	.0	•0		2.8	1.1	2.4	.0	.0	.0	٥.	3.5
1-2	. 5	1	.3	.0		• •	4.5	.8	4.7		.0	.0	.0	6.1
3-4	. 1	. 9	. 3	- 3	٠.	.0	1.5	.0	1.0	- 3	.0	.0	.0	1.3
5-6	•3	-1	•	٠,	•0	.0	.:	.0	•	- 1	.0	.0	.0	- 1
7	.: )	.c	.0	.0		. 0	.0	.0	• 1	•0	.0	.0	.0	. 1
8-9	.*,	.0	.0	۰.	٠.	.0	.0	.0	. 0	.0	-0	.0	.0	.0
10-11	•0	.2	٠,٢	.0	٠.		.0	.0	.0	.0	.0	.0	٠.	.0
12	٠.	.0	.0	-0	٠.	.:	•0	.0	-0	.0	.0	.0	٠.	.0
13-16	.0	.0	.:	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17-15	.0	.0	.0	, 1	-0	.0	.0	.0	.0	.0	.0	•0	٠.	.0
20-22	.0	.0	٠.		•0	.0	.0	.0	. 3	.0	.0	•0	٥.	.0
23-25	.0	.0	.0	40	•0	.0	.0	.0	.0	-0	.0	.0	.0	.0
26-32	-0	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	.0	.0	.0
33-40	•0	.0	. 5	.0	.0	.0	.0	.0	. 5	.0	.0	•0	. 0	.0
41-48	.0	.0	.0	.0	• 6	•0	• 0	.0	.0	.0	.0	•0	.0	.0
49-60	.0	.0	.0	.0	•0	.0	.0	.0		.0	.0	•0	.c	•0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0	٥.	.0
71-86	•0		.0	.0	.0	•0	.0	.0	.0	.0	•0	.0	.c	.0
57+	.0	.0	.0	.0	.0	.0	.0	•0	.0	.0	•0	•0		.0
TOT PCT	1.6	6.9	.6	.0	•0	-0	9.1	1.9	8.2	1.0	.0	.0	.6	11.1

									APRIL							
PERIOD:	(OVER	-ALL)	1963-1	979				TABLE	16 (CONT)				AREA	C^11,	ON P3	.Ob
				PC	T FREG C	F #IND	SPEED	(475)	AND CIPEC	TION V	ERSUS S	EA HEIG	HTS (FT	,		
				s								Se				
HGT	1-3	4-10	11-21	22-33	34-47	48.	PCI		1-3	4-10	11-21	22-33	34-67	48+	PCT	
<1	1.6	3.5	.0	.0	.0	.0	5.1		1.5	3.3	٠.0	٠٥.	.5	.0		
1-2	1.1	7.7	• 5	•0	•0	•0	9.3		• 5	6.1	. 6	۰٥	.0	.0	7.	
3-4	•	1.6	. 5	•0	•0	•0	2.1		• 1	2.0	.6	.0	.0	.0	2.5	
5-6	•0	• 2	.2	٠.	•0	.0	• •		.9	- 3	-1	•0	.0	j.	• 2	
.,	٠0	•0	.0	•0	.0	.0	•0		•0	• 1	•0	٠.	.0	.0	• 1	
8-9	•0	• 1	.0	•0	.3	•0	• 1		•0	• 1	•0	.0	.0	٠,٠	-1	
10-11	•0	•0	.0	•0	٠.	•6	.0		•0	.0	.0	.0	.0	٥.	.0	
12	٠.	.0	•0	.0	٠.	.0			•0		.0				.0	
13-16	•0	.0	•0	.0	.0	٠,	٠.		•0		9.	.0	٥.	٥.	.0	
1/-19	.0	•0	-0	.0	٠.0	•0	•0		-0	::	.0	.0	.0		.5	
20-22 23-25	.0	.0	.0	•c	•0	•0	.0		•0		.0	.0	.5	.0	.0	
26-32	.0		.0	.0	.0	.0	.0		.0		.0	:0	.0	:č	.5	
33-4C		.0	.0		.0	.0	ě		.0		.5	.0	.0	::	.0	
41-46	.0				.0	3.	.0		.0	-0	.2	٠;	 3.	3.	.5	
49-60	.0	.0	.0	.0	.0	.0	::		.0		.0		.0	::	.ŏ	
61-70	.0	:0	.0	::	.0	.0					.0		.0		.0	
71-86	.0	.0	9.		•0		.õ		.0	.0	.0	3.			.0	
87+	.0	.0	.0	.0	.0	.0			.,	.0			.5	.0		
TOT PCT	2.7	13.3	1.1		:0	.0	17.1		2.1	11.7	1.5	.0	.0	.c	15.2	
				w			PCT			4-10	11-21	Nh.	14-47		PET	PCT
HGT	1-3	4-10	11-21	22-33	34-47	48+			1-3		11-21	22-35	.0	484	2.0	PCI
21.	1.8	3.5	. 1	.0	•0	.0	5.4		• 2	1.6	.3		.0	3.	3.7	
1-2 3-4	.9	£.0	. 3	.0	•0	.0	7.2		. 3		::	۵:	.0	::	3.5	
	٠2	2.0	•	•0	٠.0	•0	2.6		.0	• •	.;		:5		.2	
5-6 7	.0	.3	2.	.0	.0	.0			.0.	.1	:5		:3	3.	٥٠	
8-9		:1	.0	.0	.0	.0	.1		.0	.5	.1	.0	.0		:1	
10-11	.0	::	.0		.0		:0		.0	.0		.0	.5		:0	
12	.0		.0		.0		.0		.0						.5	
13-16	.0		.0	.c	.0				ë				.5	5.	.0	
17-19	.0				.0		.0			:5	.0				.0	
20-22			.0	.0		.0	.c		.0	.5	.0	.0	.0	•0	.5	
23-25	.0		.0	.0	.0	.0	.0		.,		.0		.0	.0		
26-32	.0	.0	.0	.0	.0	.0	.0		íó		.0		.0	.č	.0	
33-40			.0		.0		.ŏ		.0		.0		.0	3.		
41-46		.0	.0			.0	.5		.0	.5		.0	.0	.0		
49-60			.0	.5	.0		.0		.0	.0	.0	.0	.5	.0	.5	
61-70	.0			.0	·c	.0	.0		.0			. 0	.0	٠.	.0	
71-86	.0		.0	.0	.0	.0	.0		.0	-0	.0	.0	.0	٦.	.0	
37+			.0	.0	.š	.0	.0		.0	.0		.0	.0	.0	.0	
101 261	2.9	11.4		.0	.0	.0	15.6		.5	5.2		-0	.0	.0	6.5	67.3

	VIND	SPEED	(×TS)	VS SEA	HEIGHT	(FT)		
HGT	0-3	4-10	11-21	22-33	34-47	48+	PCI	101 085
C1	22.7	18.4	.5	.c	.0	.0	41.6	003
1-2	5.5	34.7	3.3	.0	-0	.0	43.5	
3-4	.5	9.1	2.8	.0	-0	-0	12.4	
5-4	.0	1.0	.7			.0	1.4	
7	.0	.2	.0	.1	.0	.0	.3	
8-9	.0	.2	• 1	.0		.0	•2	
10-11	.0	.0	.0	.0		.0	.0	
12	.0	.0	.0		.0		•0	
13-16	.0		.0				.0	
17-19	.0	.0	.0				.0	
20-22	.0	.0	.0				•0	
23-25		.0	.0				-0	
26-32	.0	•0	.0				.0	
33-40	.0	•0	.0				•0	
41-45	.0	.0		•0	.0	.0	• • • •	
49-63	.0	.0	.0				•0	
61-70	.0	.0	.0				.0	
71-86	.0	•0	.0				.0	
87+		.0	.0				•0	
٠.		•••	•••	• • • • • • • • • • • • • • • • • • • •	•••	• • •		1750
TOT PCT	28.8	63.7	7.4	.1	.0	.0	100.0	

PERIO	D. 104	ER-ALL	) 194	9-1979					TABLE	19											
					PERCENT	FRE	30EMC4 0	F WA	YE HE10	HT (F	T	-	ERIOD	ISECON	051						
PERIOD (SEC)	(1	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-48	49-60	61-70	71-86	47+	TOTAL	REAN HGT
(6	13.1	25.2	12.3	2.4	. 7	. 2	. 1		.1	•		-0	.0	.0	.0	.0	.0	.0	-0	2745	2
6 - 7	.2	2.4	5.2	2.3		. ī	. i			.0			.0	.0	.0	.0	.0	.0	.0	584	3
8-9	.1	1.5	2.4	1.8	. 7	. 2	•		•	.0	.0	-0	.0	.0	.0	.0	.0	.0	٠.	343	•
19-11	.0	1.4	1.4		. 4	. 2	- 1	. 1		•0			.0	.0	.0	.0	.0	.0	.0	237	•
12-13			1.4			. 1	•1		•	.0	.0	• 1	.0	.0	.0	.0	.0	.3	.0	139	5
>13	.0	.0	.0		. 2		•	.0	٠.	.0	.0	-8	.0	.0		.0	.0	.0	.0	36	
INDET	14.0	2.5	1.7	.,	.2	- 1	•0			.0	.0			.0	.0			.0	.0	970	1
TOTAL	1391	1444	1291	480	162	44		11	7	ĭ	1		ū				0	3	C	5054	2
PCT	27.5	33.4	24.6	9.5	3.2	. 9			.1	•	•	• 1	٠.٥		•0	.0	.0	.0	.0	100.0	-

PERIOD: (PRIMARY) 1951-1979 (OVER-ALL) 1861-1979

である。 1987年 - 1987年 TABLE 1

ARLA 0011 PUNTA BURIO W.7.7 83.04

PLRCENT	FREQUENCY	OF	WEATHER	OCCURRENCE	BY	MIND	DIRECTION

			,	RECIPI	TATIO	N TYPE					OTHER	BEATHER	PHENO	MENA	
WNO DIR	RAIN	RATN Shur	OFZL	FRZG P( PH	SNOR	OTHER FRZN PCPH	HAIL	OR LINE DCDM TI	PCPN PAST Hour	THOR LTNG	FOG WO PCPN	FGG HO PLPN PAST HP	SMOKE	SPRAY BLMG DUST BLMG SNOW	
N	4.9	3.7	2.4	.0	.0	.0	.c	11.0	4.3	4.9	.0	.0		.0	40.0
٨E	3.4	6.5	1.4	.0	.0	.0	.0	11.1	7.0	5.2	.0	٠.	.2	•0	74.5
E	6.3	2.2	2.2		.0	.0	•0	10.4	3.3	5.2	.c	• 0	.0	.0	61.6
šE	5.7	4.4	1.1	.0	.0		•0	11.6	5.7	6.5	.0	•0	.1	.0	76.7
Š	5.4	3.1	2.1	.0	.0	. 5	• 1	10.7	6.9	3.7	. 2	•0		.0	18.2
SW	6.6	4.7	2.0	.0	.0	.0	٠č	13.3	6.5	4.1	.0	.0	. 3	.0	74.4
š.	6.1	3.9	1.4	.0	.0	.0	• 2	11.3	5.9	5.5	. i	.0	.2	.1	77.5
NV	7.2	3.1	1.7	.0	.0	.5	• 2	11.7	5.7	5.8	.2	, Č	.2	.0	70.4
YAR	•0	.0	.0	.0	.0	.0	•0	.0	.0	.0	.8	• 0	.0	•0	.0
CALM	1.7	1.9	. 9	.0	.0	.0	• 1	4.6	2.5	5.1	.0	•1	. 6	.0	87.3
101 PC1 101 Ob5:	5.6 7657	3.4	1.7	•0	•0		•1	11.0	5.7	5.4	•1	•	.3	•	78.0

### TABLE 2

### PERCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

				RECIPI	TATIO	N TYPE					OTHER	BEATHER	PHENO	MENA	
HOUR (GRT)	RAIN	RAIN Shur	ORZL	FRZG PCPN	SHOR	OTHER FRZN PCPN	HAIL	PCPN AT OS TIME	PCPH PAST HOUR	THOR LING	FOG NO PCPN	FOG WO PCPN PAST HF	HAZE	SPRAY PLUG DUST BLUG SHOW	
00E03 0EE09 12E15	4.5 6.8 6.7	2.8 2.9 5.4	1.9	.0	.o .o	.0	•1 •2 •0	6.9 11.3 13.9	3.9 4.9 7.6	3.7 16.2 4.5	.1 .1	•0	•2 •4 •2	.0	83.3 62 2 74.4
18621 TOT PCT TOT 085:	5.0 5.7 7983	3.6	1.4	.0	.0	•0	-1	11-1	5.7	.• 5.5	.1	•	.3	•	82.2 77.7

### TABLE 3

#### PERCENTAGE PREDUENCY OF WIND DIRECTION BY SPEED AND BY HOU

		-IN	D SPE	ED EKNO	tsı								HOUR	(G#1)			
WHD DIR	0-3	4-10	11-51	22-33	34-47	48+	TOTAL	PCT	MEAN	00	03	06	89	12	15	18	21
							085	FREC	SPD								
N	1.1	2.7	. 3	•	.0	٠.		4.1	6-1	2.1	5.9	3.6	4.2	6.9	6.7	3.+	3.1
AE.		2.0	. 4		.0	.0		2.9	6.6	1.6	1.5	2.3	4.3	4.7	4.5	3.2	1.3
t T	1.1	2.9		•	.0	.0		4.5	6.4	3.1	3.3	4.5	3.9	6.0	4.7	4.6	3.0
SE	1.7	5.6	. 8	•	.0	.0		6.D	6.6	5.4	7.7	7.1	8.6	7.2	5.5	10.0	8.2
\$	2.6	10.3	1.7	.1	.0	.0		14.6	7.0	17.3	34.5	12.6	15.0	10.5	14.8	15.8	22.4
24	3 - 1	15.5	3.7	.1	.0	.0		22.3	7.5	27.9	25.7	19.7	22.0	19.2	25.1	21.1	26.2
	3.1	17.1	4.5	-1	.0	.0		24.8	1.7	30.2	25.9	25.7	21.6	22.3	15.5	23 1	20.5
NW	1.3	6.1	1.0	•	.0	٠.		4.4	7.0	5.3	4.1	8-1	*.3	11.3	16.3	8.0	8.4
VAR	.0	•0	.9	.0	•0	.0		•0	•0	.0	-0	-0	.0	-0	.0	•0	.0
CALM	10.3							10.3	.0	7.0	5.1	14.2	10.7	11.6	2.6	10.4	4.8
101 065	2167	5439	1134	26	c	0	6756		6.4	2001	136	1573	225	1941	195	2422	273
TOT PCT	24.7	62.0	12.9	.3	.0	•0		100.0		180.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TABLE 3A

		WIND	SPEED	(KNOTS)						HOU	R (G#1	,
UND DIR	U-6	7-16	17-27	28-40	41.	TOTAL	PCT	MEAN	99	26	12	18
						085	FREG	SPD	03	09	15	21
4	2.7	1.4	-1	.0	-0		4.1	4.1	2.4	3.9	6.9	3.5
NE	1.8	1.1		.0	•9		2.9	6.6	1.6	2.5	4.6	3.G
Ė	2.8	1.6	.1	.0	•0		4.5	6.4	3.2	4.4	5.9	4.4
ŠE	4.6	3.2	- 1	•	.0		0	4.4	5.7	9.1	7.1	1.1
s	7.9	6.4	- 3	•	.3		14.6	7.0	17.1	12.9	11.3	16.5
Šu	10.7	11.2	.5	•	-0		22.3	7.5	27.8	70.0	17.8	21.4
Ŵ	11.7	12.4		•	.0		24.4	7.7	29.9	25.2	21.7	22.9
44	4.6	3.6	.2	.0			8.4	7.0	5.5	8.2	11.6	4.1
VAR	.0	•0	.0	-0	-0		.0	-0	.0	.0	.0	.0
CALM	10.3						10.3	.0	6.7	13.4	11.0	10.2
TOT OBS	5008	583د	172	3	٥	8766		6.4	2137	1798	2136	2695

PAY

PERIOD: (PRIMARY) 1951-1979 (QVER-ALL) 1861-1979

TARLE 4

APEA JUII PUNTA BUKICA 7.7M 83.GW

FREENTAGE	FRECUENCY	OF	MIND	SPEED	BY.	HOUR	IGHTI

				WIND	SPEED (	KNOTSI			PCT	TOTAL
HOUR	CALM	1 - 5	4-10	11-21	22-33	34-47	48+	MEAN	FHEC	085
00503	6.9	11.2	65.7	15.8		٠.	.0	7.1	100.0	2137
06609	13.8	12.6	61.0	12.1	. 4	• 5	.0	6.2	100.0	1796
12615	11.0	16.4	59.5	12.4	. 3	•0	.0	6.2	100.0	2136
16421	10.2	16.5	61.9	11.3	• 2	٠.	.0	6.2	100.0	2695
161	903	1264	5439	1134	26	٤	C	6.4		4766
901	10.3	10.0	62.0	12.9		- 13	•0		100.0	

TABLE 5

TAPLE C

	PCI FR			CL6UG #		(CIGHTHS)							CEILIN					
and DI	R D-2	3-4	5-7	å £ GSSCD	TOTAL OBS	HEAN CLOUD COVER	000	150 299	300 599	600	1000	2000	3500	5000	6500 7999	<b>\$000</b>	NH <5/8 ANY HG1	
*	.7	.7	1.4			5.3	•	•	.3	.3	.5	.2	- 1		•	•	2.4	
HE			1.1	. 7		5.4	.0	•	-1	.3		•2	•	•	•	•	1.6	
	. 3		2.0	1.3		5.8	.1	•	•2		.7	. 3	•	•	•	•	2.5	
šE		1.4	3.4			5.5	•	•1		1.0	1.1	. 4	• 2	•	•	•	4.5	
- ;	. 9	1.7	6.9			6.2	.2	- 1	.7	2.3	2.0	.9	. 3	- 1		.0	7.6	
ŠW	1.2		10.6			6.3	.3	.2	1.0	3.1	4.6	1.4	.5	. 2	.1	-1	11.4	
- 1	2.1	9.0	11.2			6.0	. 3	.2		3.3	4.1	1.7			.1	.1	14.0	
W 25	• • • • • • • • • • • • • • • • • • • •		3.7			5.8	• 1	• 1	22	.,	1.2	. 4	. 2	. i	•		4.6	
VAR	.0						.0	.c			.0	.0			.0	•0	.5	
	1.3		4.9			5.2		•		.,	1.2					.0	7.5	
CALM TOT OR			2813		6146		71	50	256	784	972	366	119		24	15	3444	6146
101 08		970			100-0		1.3	.,	4.2	12.8	15.8	4.0		.,			56.0	100.0

TABLE 7

# CUMULATIVE PCT FREG OF SIMULTAMEOUS OCCURPENCE OF CEILING HEIGHT (NM >4/8) 4ND VSBT (NM)

	INN) YBZY							
CETLING	= 08	= OR	≈ 02	= OR	= OR	= 0R	= CR	: 08
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>5640	>5
2 OR >6500		.7	.7	.7	.7	.7	.7	.7
= OR >5000	1.2	1.4	1.4	1.4	1.4	1.4	1.4	1.4
= QR >350D	2.9	3.3	3.4	3.4	3.4	3.4	3.4	3.4
= CR >2000	7.4	9.1	9.3	9.3	9.3	9.3	9.3	7.3
= OR >1000	20.9	24.3	24.6	24.5	24.9	24.9	24.9	24.9
: OR >600	30.5	34.5	37.3	37.5	37.6	37.6	37.6	37.6
= OR >360	32.6	39.9	41.2	41.4	41.4	41.7	91.7	41.4
= OR >15D	32.9	40.6	41.6	42.1	42.3	42.4	42.5	42.5
= OR > 0	33.9	41.4	42.4	43.3	43.5	43.6	43.7	43.7
TOTAL	2126	2632	2726	2752	2768	2772	2779	2781

TOTAL NUMBER OF OBS: 6362

PCT FRED NH <5/8: 56.

TABLE 74

### PERCENTAGE FRED OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 085C0 065 2.4 7.6 15.2 16.3 14.2 11.0 11.2 8.2 13.5 .6 673

PEPIOD:	(PRIMARY)	1951-1979
	COVER-ALL I	1361-1979

45.4	r	A	

AREA CU11 FUNTA BURICA 7.7h 43.uu

		P	1H30K3					AZ OCC				CURFLAC TY	£ 01
45e¥		•	٩E	C	SE	:	56		44	440	CA'.P	PCI	10111
	PCP	.0	•	•	•		- 1	•	.3	.0	•	. 2	
<1/2	NO PCP	.3	•	.\$	•	•	• 0	•		-с	.0		
	tot z	.0	•	•	•	•	- 1	•	•	•0	•	-2	
	PCP	•	•	.0	•	-1	•	•	-1		٥.	• 2	
1/2<1	NO PEP	•	•	.0	.0	•	.0	.0	٠.	.0	.c	•	
	tor t	•	•	.0	•	- 1	•	•	• 1	•0	.0	. 3	
	PCP	•	.0	•	•	-1	• 1	-1	•	.0	.0	.4	
1<2	NO PLP	•	•	.0	.0	•	•	•	•	٠.	•	- 1	
	101 2	•	•	•	•	- 1	- 1	+2	•	.0	•	.6	
	PCP	.1	•	-1	-1	- 1	. 3	. 3	.2	٠.	-1	1.2	
2<5	NO PEP	•	•	•	•		•2	•2	. 1	.c	•	.7	
	101 2	- 1	-1	• 1	•1	• 2	••	•5	.2	•5	-1	1.9	
	PCP	.2	.2	.2	.5	. 6	1.3	1.0	.4	.0	.2	4.6	
5<10	NO PCP	.5	. 3	. 3	. 6	1.2	2 - 1	2.4		.0	.5	4.7	
	101 L	.7	• 5	•5	1.1	1.9	3.4	3.4	1.3	•0	. 6	13.3	
	-CP	• 2	- 1	•2	•2		1.2	1.2	. 3	.c	-2	4.2	
10+	NO PEP	3.7	2.2	3.7		11.5			6.4	. 3	9.3	79.5	
	161 1	3 . 3	2.3	3.8	6.7	12.1	14.5	20.7	5.7	••	9.5	85.8	
	101 Ca5												7616
	TO: PCT	4.1	2.9	4.5	8.0	14.4	22.5	24.9	6.3	.6	10.3	100.0	

TABLE 5

PEACENT FPEC OF WIND DIRECTION VS WIND SPEED WITH VARVING TALUES OF VISIBILITY													
4597	>PD	4	NE	٤	SE	s	Sh		NE	VAP	CALM	PCT	TOTAL
(3,4)	415												CRZ
	0-:	.0		.0	•	•	•	-0	•0	.0	•	- 1	
<1/2	4-10	•	.0	.0	•	•	•	•	•	•0		•2	
	11-21	.:	•	•	.0	.0	•	•	•€	•0		•	
	22+	.0	•	.c	•	٠.	. 5	٠.	- 5	.0		•	
	101 L	•	•	•	•	•	- 1	•	•	•0	•	. 3	
	3-3	•	•	.c	.0	•	••	.c	.0	٠.5	٠.	•	
1/2(1	4-10	•	•	3.	.0	•	•	•	•	.0		- 1	
	11-21	.0	. 2	.0	•	-1	•	•	•	-0		- 1	
	22.	•	. 2	.0	.0	.0	٠.	٠.٥	40	.0		•	
	101 2	•	•	٦.	•	- 1	• 1	•	- 1	.5	.0	. 3	
	3-3	•	•	•	-0	•		•	•	.0	•	-1	
145	4-1C	•	.0	•	•	- 1	-1	•	- 1	.0		. 3	
	11-21	•	.0	•	.0	•	- 1	•1	•	.0		• 2	
	22+	٠.	٠.	٠.	•0	•	•	٠٤	.0	.0		•	
	101 1	•	•	-1	•	- 1	•2	-1	.1	.0	•		
	0-3		•	•	•	•	-1	•	•	.0	.1	. 3	
255	10	-1	•	• 1	- 1	• 2	. 3	.3	-2	.0		1.3	
	11-71	•	•	• 1	•	- 1	• 2	•2	•	.0		. 6	
	22+	.0	- 3	•0	-0	•0	.3	٠.	.0	.0		.0	
	101 2	• 1	- 1	•3	-5	• 3	.5	••	-3	.0	-1	5.3	
	0-3	-1	-1	-1	-1	•2	.2	- 3	•2	.0		1.9	
5<10	1C	•\$	• 3	- 3	. 7	1.3	2.5	2.1	. 1	-0		4.0	
	11-21	- 3	•	- 3	•2	• 3	1.0	1.0	•2	-0		3.0	
	22.	•0	-3	•0	•	•	•	•	•	.0		- 1	
	101 2	.7	•5	••	1.1	1.8	3.3	3.4	1.2	-0		13.1	
	0-3	.•	.5	. 9	1.5	2.2	2.7	2.6	1.0	.0	+.7		
17.	4-1C	2.2	1.5	2.5	4.6	8.7	13.2	19.6	5.0	•0		52.2	
	11-51	•2	- 3	••	.5	1.3	2.5	3.3	. 7	٠.		9.2	
	22*	•	•	•	٠.	•	•	. •	•	-0		- 1	
	I ICI	5.3	2.3	3.9	6.7	12.1	16.4	20.5	4.7	.0	9.7	<b>\$3.5</b>	
	220 101												795

PEPIOD: (PRIMARY) 1951-1979 (OVER-ALL) 1861-1979

TABLE 10

APEA DD11 PUNTA BURICA 7.7h 83.0h

LPCENT	FREQUENCY	QF	CEIL	ING	HEIGH	15	EFEET.NH	24/81	AND
	OCC111	205	LCE /	F NI	u (5/A	4 4	4000		

HCJR (GMT)	COD 149	150 299		600 999							10146	NH CS/8 ANY HGT	
20603	1.0	.8	3.6	11.4	15.1	5.7	1.7	.6		•1	•6.6	54.4	1730
96609	1.2	.9	3.3	13.8	17.7	5.6	2.2	.6	.3	• 5	*6.0	54.0	1533
:2615	1.7		5.3	13.3	14.7	5.8	2.3	.9	• 1	. 3	**	55.2	1658
18621	.8	.6	3.9	11.4	14.5	6.2	1.9	.6	.6	.4	41.4	51.6	1428
101										19			6549

TABLE 11

TABLE 12

		PEPCENT	FREQUEN	CY VS31	(NR)	8Y HOUP		COMULAT					1.64 HOPE	
H0U2 (GMT)	<1/2	1/2<1	1<5	245	5<10	10+	TCTAL OES	#QUR (GM1)			<1500 <5		AH (5/8 AND 5+	TOTAL
00103	.2	•2	.4	2.0	11.0	86.1	2020	00603	1.1	5.6	16.0	25.4	58.4	1681
06609	.5	-1	.5	2.1	15.6	81-2	1481	26669	1.3	5.0	26.7	26.9	52.4	1187
12615	•2		1.3	2.5	15.5	40.5	2044	12615	1.7	4.1	22.2	23.8	54.1	1611
18621	.•			2.6	11.4	84.0	2540	1.6621		5.5	14.2	24.0	57.6	1883
101	27	24	54		109C		6265 100-0	101	74	400		1549	3564	6362

TAPLE 13

TABLE 14

	PERCENT FREQUENCY OF RELATIVE MUMIDITY BY TEMP											PERC	EWT FR	EDUENC	T OF 1	ING DE	FECTIO	4 6Y T	[ mp	
TERP F	G-24	36-30	40-49	50-59	60-69	75-79	80-69	*0-100	TOTAL ORS	FREG		۸٤	Ĺ	۶Ł	5	Sw		Na	VAR	CALM
75/99	.0	.0	.0			•2	.0	.0	3		.0	.0	.0		.0	.0	٠.		.0	
10/14						. 3	. 1	•	78	1.2	.1	•	•	- 1	.2	.2	- 2	- 1	-0	.2
45/49				.1	3.0	6.3	2.2	.5	729	10.9				1.1	1.4	1.6	2.5		.0	1.6
40/44	.0	.0		•	1.2	17.4	39.5	8.5	4439	66.6	2.2	1.5	2.8	4.5	9.8	15.4	17.1	5.2	.0	7.5
75/79	.0	.0	-0	.0		1.1	8.6	11.0	1382	20.7	1.1		1.6	1.5	3.2	5.1	4.9	1.6	.0	1.5
70/74	.0			.0		•			31	.5	•	•	٠.۵	• 1	•	•	-2	-1	.0	.0
TOTAL	Ö		2	19	244	1676	3360	1361	6662	100.0										
PCT	.0	.0	•	. 3	3.7	25.2	50.4	20-4			3.6	2.4	4.5	7.8	14.6	22.6	25.3	7.8	٠.	10.4

TABLE 15

T/8LE 16

	MERNS.	EZTREM	TS AND	PERCE	NTILES	OF 1E	42 101	SFI	4 HOLF		PE PC	ENT FRE	CUENCT	OF RELA	114E H	U#10117	BT HOUR	ı
HOJR (6#1)	<b>74</b> X	***	952	SCE	51	12	41%	PEAN	14101 260	HGUR (6#1)	0-24	20-59	6C-69	7:-14	80-89	<b>90-100</b>	***	TOTAL OBS
COLOS	91	48	46	8.2	7.0	75	68	91.5	2163	00103	• 0	-C	2.2	25.3	54.8	17.7	8.3	1757
CALOT		14		81	77	25	70	AC.7	1471	95559	.0	-6	1.1	18.1	57.0	23.0	85	1394
12615		46	- 14	61	77	75	72	60.5	2209	12615	.5	• 1	1.3	17.3	53.4	27.5	85	1754
10621		91	4.8	è 3	77	75	75	47.4	7810	18621	. 5		8.7	*6.4	34.9	14.7	8.0	2050
101	96	90	16	83	"	75	68	41.5	4073	101	0	21	253	1754	3513	1414	83	4459

-	•	٠	

The second second

(PRIMARY) (OYER-ALL)							TABLE	17				AREA	0611 P	UNTA BURICA N 83.04
	PCT FREQ	GF AIP T								CE OF		IGUT PI	REC. 217A	t I ON )
		AIR-SEA	65	49	73	77	41	85	19	>92	101		ac.	
		THP DIF		72	74	80	84	58	92			FOG	FOS	
		14/16	٠.	.0	.0	.0	.0	.0		-0	1	•0	•	
		11/13	.5	.0	٥.	.0	•		•	.1	10	.0	.1	
		9/10	.0	.0	.0		•	- 1	-2		24	•0		
		7/8	.0	.0	.0		- 2	- 2		•	4.3	.0		
		b	.c	. 5	. C	•	.1		.2	.0	47	+0	.7	
		Ġ	.0			.1	. 1	. 5		.0			1.3	
		4	.0	.0	.0	-1		1.1	. 2	.5	131	.0	1.5	
		3	.0	.0	.c	.1	.6	1.2	.2	.0	147	-0	2.C	
		ż	.0		•	- 1	2.4	1.7	.2	.0	326	•0	4.5	
		ì	.0	.5	•		3.7	1.7	-1	.0	409	•	5.7	
		S	.0	.0	•	1.5	8.0	1.5		.0	803	•	11-1	
		-1	.3	. 5	.0	2.2	8.3	1.1		.0	843	•	11.7	
		-2	·c	.0	•	4.5	11.2		.0	.5	1179	•	16.3	
		-3	.0	.0	-1	5.0	7.6	. 3	.0	.0	941	.0	13.1	
			.0	.0	- 1	5.7	5.4	- 1	.0	-0	619	.5	11.3	
		-5	.0	.0	. 3	5.2	3.0	•		•0	611	.5	4.5	
		-6	.0	.0		3.3		•	.0	.0	523	.0	4.5	
		-7/-8	.0	. 3		3.0	. 6		.5	.0	322	.0	4.5	
		-9/-10	.0	•	.6		-1	.0	.5	.0	***	٥.	1.4	
		-11/-13	•	•	. 2	• 2	•			.0	36	.c		
		-14/-16	.0		.5		•		.0		3	.0	•	
		-17/-19	.0	.0	•	.0	.0			.0	ī	.0	•	
		TOTAL	• • •		196		3806	•••	122		•	• • •	7205	
			-	5		2307		758		12	7210	•		
				•										

PERIOD: 104ER-1LL3 1463-1479

	PCT FREQ OF WINC SPEED INTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)														
HGT	1-3	4-10	11-21	% 22-33	34-47	46+	<b>₽</b> ¢†	1-3	4-1C	11-21	ME 22-33	34-47	48.	<b>P</b> C1	
<1	.3	1.1		.0		.0	1.4	•.2					3.		
1-2		1.2	•		•0	.5	1.3	.2	1.2	• • • •				1.5	
3-4			.0		.0	.0		.c							
5-6	.1	.5	•	.c	.č	.0	.1	.5	.1	,1	.0		.0	-1	
7	.0	.3	.0	. 5	.0	-0	.0	•0	.0	.0	.0	.0	ě.	.0	
6-9	.0		٠.	.0	•0	.0	.0	.0	.0	.0	-0	.0	-0	.0	
10-11		.3	٠.	.0	-0	-0	٠.	.0	.5	.0	.o	.0	.0	-0	
12	.0	.0	-0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0	•0	
13-16	. 3	٠.0	.0	.5	.0	•0	.c	.0	.0	٠.0	-0	.0	٥.	•0	
17-15	•6			.0	-0	.0	.0	.0	.0	-0	-0	.0	.0	•0	
20-22	.c	.0	2.	-0	-0	•0	.0	.0	.0	.0	.0	.3	.0	•0	
23-25	• 6	.0	.0	.0	.0	•0	٠.	٠,	.0	۰.0	.5	.0	.c	•0	
56-35	•0	. 5	٠,	.c	.0	.c	.0	•0	.0	.0	.0	-0	•0	•0	
33-40	.0	.0	.0	٥.	.0	-0	٠.	•0	٠.	.0	•0	-0	-0	•0	
41-48	.0	.0		.0	-0	-0	.0	-0	٠.	.0	-0	.0	.0	-0	
47-65			٠.	.c	• •	.0	.0	•0	.0	.0	-0	.0	.0	• 2	
61-70	.0			.0	.0	.0		•0	.0	.0	-0	.0	.0	•€	
71-66	.0	.0	• 0	•0	.0	-6	•0	•0	.0	.9	-0	.0	٠.٥	•0	
47*	•0	۰.	٠.	.0	-0	.0	.0	•0	.0	• 2	.0	.0	.0	•0	
101 PCT	.5	2.5	-:	٥.	.0	•0	3.0	••	1.7	.3	-0	-0	-0	2.7	
				٤		_					SC				
HET	1-3	10	11-21	55-33	34-47	48.	PET	1-3	4-10	11-21	22-33	34-47	44.	PCI	
<1	. •		ع.	.0	•0	-3	1.0	• •	1-1	•6	-0	.0	.0	1-8	
1-5	-5	1.5	• 5	٠.	.0	•0	1.9	••	3.5	-1	-0	•0	٠.	3.+	
3-4	-0	-2	• 2	.0	٠.	-0	•	-0	1.0	. 3	• 1	.0	٠.	1.4	
5-6	-0	- 1	•0	.0	-0	-0	-1	•0	• 1	.3	• 1	.0	•c	•5	
7	٠.	-0	-1	.c	•0	.0	.1	•0	٠.	.0	•1	•0	.0	•1	
	.3	-0	.5	.0	•0	-0	.0	•0	.2	-0	-0	.o	•0	•0	
10-11	•0	٥.			.0		.0	•0	٥.	-0	.0	.0	•0	٠.0	
12 13-16	.0		-0		.0	٥.	.0	.0	.0	3. 0.	.0	.0	.c	•0	
17-16	.0		•D	.0	3.			• • • • • • • • • • • • • • • • • • • •		.0	:0	.0	::	.0	
20-22		::	-0	::		:0	::		::	.0		.0	:0		
		:0	-0		.0		.0		::			.0		.0	
23-25		.5			::		:0	.0	::	3.	.0	.0		:0	
26-32 33-90	٠.		-0		::	.5		.0	::	.5		.0	.0		
41-48	.0	3:	-0		ä	::		:0	:5	.0	::	.0		.5	
49-40	3.		-0	.c	.0	.0	.0	.0	.0	.0		.0		.0	
		.5	.0		.5	.0		::		.0	3.	.0	.0	.0	
61-76 71-26	.0	.c	.0	::	.č	3.	.0	.0	::				.0	.0	
47.	.0		3.	::	.0			.0	:0	.0		.5	3.	•0	
161 -61		2.4	• • •				3.4	1.0	5.7			.0		7.6	
			• • •	••	•••	•••	,,,	***		•••	••		••		

									<b>74</b> 4							
PERIOD	: TOAE	R-ALL J	1963-1	979									AREA	COLL		BURICA
								TABLE 1	8 (CONT.	,				7.	74. 43	-04
												<b>.</b>				
				-		. 8140	PAFFO	(KIS) A	NO DIREC	CIION A	ESSOS 2	EA HEIG	HIS (FI	,		
				\$								8.8				
MGT	1-3	~-1C	11-21	22-33	34-47	48+	PCT		1 - 3	4-12	11-21	22-33	34-47	42.	901	
<1	1.3	1.6	-0	.0	-0	.0	2.9		1.5	3.3		3.			4.9	
1-2	. 4	5.4	.5	.0	-0	-0	6.7		1.2	5.9	1.6		.0	.c	.2.7	
3-4	. 1	2.3	.5	-1	-0	•0	2.9		- 1	3.0	1.2		.5		4.9	
5-4	•		- 5	•	.5	.c	1.0		•	. 4	.,	•	.0	٠.	1.0	
. 7	.0	.1	.2	.¢	-6	.с	. 3			•		.0	.0	.i.		
6-9	٠.0	- 1	.0	.0	-6	.0	. 1		.0	• 1	-1	.0	.0	٠.		
10-11	•0	• 0	•6	•0	٠.	.:			.C		.0	. 5	.5	٠.		
12	٠.	٠.	.0	-C	-0	-0	.0		٠,	-0	•0	.0	٥.	.0	.:	
13-16	•0	.0	•0	.0	.0	.0	.0		-c	.0	.0	.0	.0	٦.	.0	
17-19	.0	• 0	.0	•0	•0	-6	٠.		.0	.0	• • •		.0	٠.	.0	
20-22	•0	ن.	•0	-0	.0	-8	.0		•0		•:	-0	-0	.0	-0	
23-25	c	٠.	•c	-C	•0	•0	٠.		.0	٠.	.0	-0	.0	٠.	. 0	
26-32	.0	.0	•0	٥.	.0	-0	٠.		.0		.0	٠.	.0	.0	.0	
33-40	.0	.0	٦.	•0	·c	.0	.0		.0	• C	.0	-0	• ?	٠.	-0	
41-48	.0	.0	٥.	ن.	•0	.0	٠.		-0		.0	.0	.0	٠.	٠.	
49-60	.0	.0	.5	•c	•0	-0	.0		.0	.5	.0	-0	.c	. c	.0	
61-7C 71-86	·c	.0	٠.	.0	.0	.c	-0		.:		.0	.0	.0	٠.	٠,	
87.	.0	.0	.c	•0	•0	٠.0	. 9		.0	.0	• • • •	.0	. :	٠.	.0	
101 PCT				٠.	٠.0	•0	0		٠.	.0	.0	٠.	.0	٠.	•0	
101 761	2.2	4.7	1.7	-1	٠.	-0	13.9		2.8	17.9	*.3	•	.0		25.1	
				-								54				TOTAL
HGT	1-3	4-13	11-21	22-33	34-47	48+	PCT		1-3	4-10	11-21	22-35	34-47	46+	PCT	PCI
<1	1.0	5.4	•2	.0	.3	.0	5.1		•2	1.5	.0	.0	.0	٠.٥	1-5	•-
1-2	1.1	13.0	1.5	-C	.:	.0	12.6		.6	3.5		.0	.0	3.	4.0	
3-4	- 1	4.1	2.:	-1	-0	.0	6.4		- 1	. 9	.2	.5	.0	3.	1.2	
5-6	.0	. 4	1.3	.0	.c	.0	2.1		.0	•2	- 5	. 1	.0		. 7	
7	.0	•	.2	٠.	-0	-0	. 3		.0.	•6	-1		.0	.0	.1	
8-9		- 1	•	- 1	.c		• 2		•0	.0	.0	.0		٠.	-0	
10-11	•0	40	•C	٠.	.0	•0	.0		•2	• C	.5	.0	-0	٠.	-0	
12	•0	.0	•0	.0	٠.0	.0	.0		.0		.0	.0	.3	٠.	.0	
13-16	•0	.0	•c	٠.	-0	•0	•0		.0	.5	.0	٠.	.0	٤.	.0	
17-19	.0	-0	•0	٠.	.0		.0		.0	.0	.0	.0	-C	.0	٠.	
20-22	.0	•0	.0	•0	.0	•0	-0		.0	• 2	.0	-0	.2	٠.5		
23-25	.0	.0	• 0	.0	.0	.0	.5		2.	.3	.0	.5	.0	٠.	.:	
26-32	•0	-c	•6	• 0	•0	•0	.0		.c	.0	.0	-0	.0	٠.	•0	
33-4C	•0	.0	•0	.0	•c	.0	.0		.0	.0	•0	.0	.0	٠.	.5	
41-46	•0	.0	.0	.0	.0	٠.	.0		.0	.0	.c	.3	.3	٠.	-5	
49-6D	٠.	•0	.0	.c	.0	•0	.0		.0	••	.5	.0	.0	٠.	٠.	
61-70 71-86	.5	٥.	-0	-0	.0	-5	٠.		•¢	٠.	٠.	.0	.0	٦.	•5	
47.	.0		.0	٠.	•3	••	-5		•0	يّه	- 0	•0	.0	-0	-3	
TOT PCT	.0 2.2	18.7		-0	•5	.0			.0	· c	-0	٠.	.0	.6	.:	
:	4.4	10.7	5.6	-1	-0	-0	26-8		. •	5.7	1.2	- 1	.0	-0	7.9	*6.3

	HIND	SPEED	(#15)	A2 26T	HEIGHT	(F T )		
HST	0-3	*-10	11-21	22-33	34-47	46-	PCI	101 085
<1	16.7	13.4	. 3	.0	.0	.0	30.4	083
1-2	5.1	34.9	4.4	.0	.0	.0		
3-4	•3	12.2	4.5	•2	.0	.0	17.2	
5-6	•1	2.4	3.5	.2	.c		4.2	
7	-0	-2	. 0		.0		1.2	
4-1	-0	.2		;i				
10-11	-0	٠ō		• • •			.0	
12		٠.٤						
13-16								
17-19		•0		č	.č			
20-22					.5	::	.5	
23-25				.c				
26-32	.5	÷č	3:		::	:0		
33-40		-6	3.					
41-46				٠,		.0	.0	
		-0	-0	.0	٠.	.0	٠.	
49-60	.0	•0	.0	.0	٠.	٠.	-0	
61-70	-c	-0		•с	ں۔	.0	-9	
71-61	•0	-0	.0	-5		.0	3.	
87.	.0	-0	٠.	.0	.5	.0	.0	
								1895
TOT PCT	22.2	63.5	13.4	. •	.9	.0	100.0	

是是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一个人,我们是一

PE#10	D: (01	[8-4[	1 194	9-1976	•				TABLE	14											
					PERCEN	FRE	CUERCY	CF ME	AE HEI	GHT EF	TI VS	-	C#100	(SECON	051						
PERIOD (386)	43	1-2	3-4	5-4	7	4-9	10-11	12	13-14	17-19	20-22	23-25	26-32	33-00	41-48	49-60	61-70	71-86	47-	TOTAL	#£44 #644
<.	7.2	20.3	17.2	5.2	1.2	.5	- 1	•		•	.0	.0	.0	.0	.0	.5			.6	2434	
<b>6-7</b>	-1	3-1	7.4	5.3	1.7	. 4	.2	1	•	•	.0	.0	.0						.0	1039	
2-9	- 1		3.1	2.3	. *	. 4	.2	•		.0	.0										
10-11	-0	1.0	1.3		.4	- 3	- 1	•												227	
12-13	. 0	٠.	1.0	.5	.2	-1		•	5	-0	.5							.5	.5	100	
>13	.0	.0	-0	. 5	. 5	•		•		.0							 3.			62	
INDET	7.4	1.9	2.3		.2	. 1	•	•												850	
TOTAL	<b>*73</b>	1539	1028	473	224	102	40	10			č							•••		5664	:
PCT	17.2		32.3	15.4	5.0	1.4					- 6				ž					3000	,

TARLE 1

AREA GOTT PURTA SURICA 7.6% 83.54

PERCENT FRE-DENCY	OF	PETTHER	OCCUPRENCE	ff	-140	DIPLCTIC
	•			٠.		

				•	13664	I FRE-L	ENCY C	F PETTHER	OCCUPRENCE	FY #1	NO 015	LCIICY			
			•	RECIPI	14110	. 1451					CIME	-	PHENO	PE 16 4	
-*U DIP	9416	2HPE ETT#	DRZL	PCP4	2404	CIMER FRZS PCPS	-AIL	PCPh at Ob TIME	PCP4 PASI HCLP	THS4 LTNS	FGG bo PCPN	FCG 60 PCP4 PAST HE		SPRAY BL-S CUST BL-S SAOM	
24	14.0	5.9	1.2	.0	.0		.5	21.1	10.3	4.6		٠.	-0		64.4
<b>\(</b>	14.5	5.6	2.4	. 3	.0	.5	٠.	25.0		3.9	- 2	٥.	-0	.0	70.7
t t	15.0	3.4	5.2	.0	.0	٠.	٠.	19.1	4.6	3.5	.0	- 0	.0	.c	73.9
SE	6.5	4.5	3.4	. 3	.0			34.4	4.6	3.0	- 3	- 3	.0	.5	76.1
3	7.7	5.3	3.0	-0			٠.	15.7	5.6	3.9	.2	•0	ء.	-2	71.7
5.	7.1	5.2	2.4	-0	.0	-0	-0	14.5	8.2	3.4	- 3	٤٤	- 1	.¢	73.7
	1.2	4.5	2.4	-0	.0	٠.	3.	14.0	6.7	3.4	. 3	•	-2	.0	14.8
Ab	7.4	**2	2.0	.3	.0			14.0	7.1	3.4	. 1	- 6	-2	-1	75.6
ATL	.0	3.	. 3	.0		40	٠.		•0		•0	٠.		.0	.0
CALM	4.5	• • 1	1.4	•0	.0	.3	.0	10.4	5.7	3.4	.5	.5	-6	.0	61.1
101 PCI 101 OES:	7.8 7150	*.0	2.5	.0	-0	.:	.0	14.4	7.3	3.4	• 2	•	-1	•	13

#### TAPLE 2

#### PERCEN. PERCENCY OF MEATHER OCCUPAENCE BY HOUR

					PI	. *3399	-ECLE	NCT OF ME	ATHER OCCUP	46 MCL	67 +CU	4			
			•	466191	14110						OIHER	BEATHER	PHENC	"CNA	
460b	erir	EAIR Sma-	LEZL	FH75 PCPh	2408	63410 4563 4639	MAIL	PEPL AT OB TIPE	PCPN PAST MOLP	THOR Jes	FOG LJ PCPL	FCG MC PCPA PAST HP	SHOKE HAZE	SPRAT EL-G DUST EL-G SLOW	
CSED3 C4ES* 12E15 14E21	6.9 9.0 6.1	*.2 *.5 *.3	2.3 2.9 2.7 2.1	 	.o .o .o		.c 2. 3.	15.5 11 17.7 14.3	6.6 6.7 9.2 6.5	2.6 2.8 1.2	.? .5 .?	.: .: .:	.1 .0 .1	-1 -1 -1	77.6 69.2 70.7 77.9
101 PC1 101 0#5:	7.6 7365	***	2.5	.5	.5	.0	٠.	14.4	7.3	3.6	•2	•	.1	•	74.4

		- 11	LO SPE		0151								~3L0	(GFT)			
440 DIP	1-3	4-10	11-51	22-35	34-47	•••	10111	FREG	SPD	00	23	O.C	2*	12	15	14	21
	.7	1.7		•	.0	.0		2.5	6.4	1.7	1.2	2.9		4.7	4.7	2-2	
46		1.2	-2	•	-5	-0		1.4	6.3		1.3	2.0	1.6	2.4	3.4	1.7	3.2
Ł		2.3	• :	-0	-0	-0		3.1	4.5	2.4	3.0	3.2	1.5	3.3	3.4	3.0	3.5
Sf	1.2	3.4	.7	•	•	-0		5.5	6.7	5.3	4.2	4.6	5.5	4.7	3.4	5.9	6.0
s	7.1	4.1	2.C	- 1	.5	.0		13.2	7.3	15.7	10.4	13-2	12.2	10.4	12.7	13.1	16.7
Sh	2.4	17.5	5.3	•1		٦.		25.1	8.2	28.4	27.4	21.7	26.7	22.0	22.9	26.1	31.4
•	2.0			• 2		.5		31.0	4.5	34.3	34-5	31.4	30.1	32.7	28.5	29.5	20.4
44		6.2	2.4			.0		9.5	4.7	6.1	7.2	9.2	9.4	13.3	11.4	4.4	4.6
ATL						.0		.0	.0		. 7	.5	.0	.0	.0	-0	.0
CAL"	7.9			-				7.4		5.0	9.0	6.7	10.4	4.1	9.1	4.4	
TOT OES	1657	5159	1528	34	1	٥	A524	-	7.3	1857	156	1544	250	1724	230	2275	291
134 101						.č		100.0					100.0				

	TABLE 3A													
-ND CIR	<b>5-6</b>		SPECD 17-27	(450TS) 26-40	41-	TOTAL	₽CT	4E & A.	63	E.	15MT1	14		
						085	FREQ	SPC	03	29	15	21		
N	1.6	1-1	. 1	.0	.;		2.8	4.4	1.7	2.6	4.7	2.3		
N.E	1.2	-5	-1	-0	• •		1.4	6.3	.7	2.0	2.6	1.8		
ť	1.4	1.2	. 1	.0	- 0		3-1	6.5	2.4	3.5	3.3	3.0		
š¢	3.3	2.1	. 1	•	ء۔		5.5	6.7	5.2	4.5	4.6	5.9		
\$	6.4	6.0		•	.5		13.2	7.3	15.3	13.1	11.0	13.5		
5.	10.7	13.6			. 5		25.1	8.1	20.4	22.4	22-1	26.6		
•	11.9	17.9	1.2	•			31.0	1.5	34.5		30.4	24.4		
44	3.6	5.3	.5	-0	-6		9.5	8.7	4.2		12-1	7.4		
VAR	٥.	.0	٠.	.5			.0		••	٠.	.0	.0		
CALM	7.4						7.9	-c	5.3	*.C	8.2	4.5		
101 035	4C73	3961	273	5	Ł	6329		7.3	2013	1764	1456	2566		
101 PC7	44.4	47.6	3.3	- 1	.9		156.0		130.0	ire.c	100.0	103.5		

是是在是是国际的。 1875年,

TABLE & TABLE & TABLE

The State of the second

of the control of the state of

PERCENTAGE FREQUENCY OF SIND SPEED BY HOUR EGHT?

				×150	SPEED C	KAOTSI			PCT	TOTAL
#0u2	CALF	1-3	4-17	11-21	22-33	34-47	48.	4644	1560	265
60603	5.3	10.2	62.5	21.0		.0	٠.	7.9	100.0	2013
CALDS	*.C	10.9	61.9	27.6	.7		.0	7.3	100.5	1794
12615	e . 2	10.0	63.5	17.3	.1	.:	. 0	7.2	10).0	1456
14621		12.2	sc.3	17.2	.5	•	.0	7.1	100.0	2566
161	456	951	5159	1529	3.	1		7.5		£ 329
PC1	7.4	11.9	41.9	18.1		•	- 4		100.0	

TABLE 5 TABLE & PCT FREE OF TOTAL CLOUD AMOUNT (EIGHTHS) 87 WIND GIRECTION PERCENTAGE FREQUENCY OF CEILING MEIGHTS (FT. NH 28/8)
AND OCCUPRENCE OF MM 65/8 BY WIND DIRECTION 600 1000 2000 3560 500° 6500 8000° NH <5/8 TOTAL 446 1846 3645 6945 6664 7466 2847 MGT 085 4 & 1014L 095CD 095 150 300 269 599 1-2 1.2 -7 -5 1-3 1-6 2-3 1-7 6-2 5-8 11-5 9-6 15-3 12-7 8-2 8-1 -3 -0 2666 22C4 87-0 38-9 .4 .2 .7 .8 2-1 4-3 5-6 1-6 .9 957 .1 .1 .4 .4 .4 .7 .7 .1 136 2.4 .00.00 .1 .2 .2 .1 .0 .0 ... .0 .1 .1 .0 .0 .12 .2 1.4 .0 1.3 2.7 6.1 11.0 15.3 4.6 .0 4.2 2669 6.5 -5 -2 -5 -4 2-7 4-7 4-3 1-8 -0 1-0 1051 18-5 1.6 2.4 .8 .9 -1 -1 -2 -3 -7 1-2 -3 -0 -4 192 3.4 2.2 3.6 1.1 .0 1.3 639

TABLE

## CUMULATIVE PCY FREG OF SIMULTANEOUS OCCUPPENCE OF CETLING NEIGHT (NM 34/8) AND YSBY (NM)

						4264 tou	13			
	C	ILIAC .	1 CR	2 02	= 64	2 38	: 60	: 58	= 64	1 0*
	41	(61)	>12	>5	>2	>1	>11.5	>1/4	>5070	>5
:	ça	>6500	.*	.•				.4	.•	. •
:	C#	>5000	. 9	1.0	1.5	1.0	1.0	1-0	1.0	1.6
:	CA	>3500	2.9	3.3	3.4	3.4	3.4	3.4	3.4	3.4
=	0#	>2000	4.7	10.2	10.4	10.5	10.5	10.5	15-5	16.5
:	OR	>1000	23-7	27.6	28.4	28.8	28.6	24.9	24.9	78.5
:	Cal	>620	35-3	42.4	44.9	45.3	45.4	45.5	45.5	45.5
=	CR	>300	37.5	47.2	48.7	49.4	49.5	49.6	44.7	96.7
=	ده	>150	37.9	47.7	49.6	50-1	50.3	50.4	50.4	50.4
=	0.0	> 0	30.4	45.7	51.0	51.6	51.4	51.9	52.0	52.5
		TOTAL	2239	2842	2974	3011	3050	3025	363*	3036

TOTAL NUMBER OF DAS: SESA

PCT FREC NH (5/9: +6.

#### TARLE TE

#### PERCENTAGE FRED OF LOW CLOUDS (EIGHTHS)

107a1 5 1 2 3 4 5 6 7 # 085Cv 0e3 1-2 4-5 11-9 14-3 15-3 10-6 12-9 4-4 18-7 1-0 6221 PERIOD: (PRIMERY) 1949-1974 (OYEP-REE) 1462-1974 AFEA COIL PURTA BURICA 7.6% #3.Cb :: :: .? .; .0 :: :: 2. :: 500 000 .1 .1 .2 -1 PCP %3 FUP 1 JT & PCP %3 PCP 151 3 :: .1 :: .5 .1 . t .: :; 1.5 1.5 2.4 4.3 1.e 2., 1.0 .0

.4 .4 1.7 3.4 4.6 18.2 4.2 10.5 16.3

#C# &0 FC# TOT 4

101 Cas

14946 .

.0 .3 6.1 .0 5.3 73.3 .0 5.6 75.4

AND THE STATE OF T

of the property of the second second

#### PERCENT FRE OF WIND DIRECTION WE WIND SPEED WITH WARPING WALLES OF WISIPILITY V581 .: .: : :: .... ...... • .0.0 ..... -1/2 1/241 4-13 11-21 22-151 1 ..... ..... ..... .: :: iceine ceine ... 145 4-16 11-51 55-101 1 ... -1 : 4 : 5 : 5 .: .: 245 4-16 11-71 22-101 1 .1 .3 ... .1 .2 .2 .2 ... üthöb hand .: 5<10 --10 11-21 22-101 1 ..... ..... .1 :: 1... 2.6 1-3 1.4 2.4 2.4 7.3 13.3 17.6 1.4 2.5 5.4 . . .1 15.4 14.2 25.7 10- 101 1 11-21 12- 10 11-21 11-21 .3 .4 .3 .3 2.6 1.7 .1 .5 .5 ..... 101 cts 16: \*C1 2.\* .c 7-3 106.5

· 14.100

	JURE			
PERIOD: (PRIMARY) (OVER-ALL)	TABLE 10	AREA	0011	BURICA 83.UW
	PERCENT FREQUENCY OF CEILING HEIGHTS (FEET,NH >4/8 OCCURRENCE OF NH <5/8 BY HOUR	) AND		

HOUR (GHT)	000 149	150 299	300 599	400 999	1000		3500 4999			6000+	TOTAL	NH CC/8	
00603	1.3	.7	4.1	15.6	17.8	7.0	1.9	.9		• 2	50.2	45.8	1593
06609	2.6	.6	3.6	16.8	17.8	7.7	1.0	.2	-1		51.6	48.2	1161
12615	1.4	1.5	5.0	17.6	17.2	6.9	3.0		•1	•1	53.0	47.0	1469
18621	1.4	.6	3.4	15.4	18.7	6.3	2.6	.5	•2	•5	49.0	11.0	1774
101 PC1	93 1.6	43	245		1074	415	140	34	12	14	3047 50.8	2050	5997 100+0

				TABLE ?	•						SJEAT	12		
		PERCENT	FREQUE	CY VSRY	(NH)	BY HOUP		CUMULAT					YSBY (4H) 1.BY HOUR	
HOUR (GHT)	<1/2	1/2<1	1<2	2<5	5<10	10+	TOTAL OBS	HOUR (GRT)	<150 <5070	<600 <1	<1000 <5	1000+	NH (5/8 AND 5+	TOTAL OBS
00603	. 3		.1	2.1	14.4	£2.1	1886	C0£03	1.4	6.5	22.9	54.3	48.6	1555
06609	•5	•2	. 9	2.7	14.3	77.7	1646	06609	2.7	7.3	. 6.0	27.7	46.4	1121
12615	.5	.5	1.1	4.6	16.7	76.7	1842	. 2612	1.5	7.6	27.4	27.3	45.3	1430
16621	.5	.4	1.1	3.4	15.0	79.1	2359	14621	1.2	5.7	22.7	27.8	49.5	1728
101	51	29	74	258	1235	6106 79.0	7733 100-0	101	93	393	431	1621	2782	5834

				τ.	ABLE 13	3									TABL	E 14				
	PERC	ENT FR	EQUENC	Y OF R	ELATIVE	HUMI	117 B	TEMP	***			PERC	ENT FR	EQUENC	Y OF	IND 01	RECTIO	. BY T	EMP	
TEMP F	0-29	20-24	40-49	50-59	60-69	70-79	50-69	90-100	TOTAL OBS	PCT FREQ	N	ΝE	£	SE	s	Sw		NU	VAR	CALM
95/99	.0	.0		.0	•0	.0	.0	.0	1	•	-0	.0	.0	•0	.0	.0	•	.0	.0	.0
90/94	.0	• 0	0		• 2	. 1	- 1	.0	27	. 4	•	•	.0	•	•	- 1	-1	•	.0	•
85/89	•0			- 1	. 9	3.3	1.0	. 3	346	5.6	.2	-1	• 2	.5		1.0	1.6	.6	.0	.7
80/84	.0				. 9	14.1	34.5	4.3	3593	57.8	1.6	. 9	1.6	3.0	7.2	13.7	19.5	5.3	.0	4.7
75/79	.0	.0	.0	.0	.1	1.5	16.2	17.2	2180	35.1	1.0	. 6	1.0	1.4	5.1	9.5	10.4	3.3	.0	2.4
70 174	.0	•0	0	.0	•0	•	• 1	1.0	72	1.2	-1		.1	- 1	.1	٠ż	. 3	. 1	.0	-1
TOTAL	Ĭ			7	130	1189	3223	1668		100.0						-				
901	- 0				2.1	19.1					2.8	1.7	1.0	5.4	13.2	24.5	31.9	9.4	.0	8.1

				TAB	LE 15									TABLE	16			
	MEANS,	EXTREM	ES AND	PERCEN	TILES	OF 7E	4P (DE	G F1 1	# HOUR		PERC	ENT FRE	CUENCY	OF REL4	TIVE H	UNIDITY	87 HOU!	R
HOUR (SMT)	MAX	992	952	50%	51	12	HIR	MEAN	TOTAL	HOUR (GHT)	0-29	30-59	60-69	70-79	40-49	90-100	HEAN	TOTAL OBS
00803	93	84	64	40	76	74	71	\$0.4	2037	00603	.0	.1	1.4	18.6	54.6	25.4	85	1625
06409	89	84	83	40	76	74	68	79.7	1857	96409	.0	.0	. 9	11.4	57.0	30.3	16	1381
12615	92	35	83	80	76	74	72	79.6	1793	12615	.0	.0		12.4	53.4	33.1	87	1570
18621	95	40	67	82	76	74	72	81.6	2609	14621	.0	. 4	4.4	30.4	44.9	19.2	82	1852
101	95		85	40	76	74	68	80.4	8496	101	0	•	135	1231	3347	1706	85	6428

PERIO): (PRIMARY) 1949-1-79 (OVER-ALL) 1862-1979 APEA CG11 PUNTA BURICA 7.6° 83.00 TABLE 17

PCI FREO OF AIP TEMPERATURE (DEG F) AND THE CECURARNEE OF FOG tolinous precipitation) VS AIR-SEA IEMPERATURE DIFFERENCE (DEG F) 73 76 69 72 

PEPIOC: (OVER-ALL) 1963-1979

では、100mmので

PCT

				PC	T FREQ	OF WIND	SPELD	(2TX)	AND DIREC	TION Y	ERSUS S	EA HEIG	H75 (FT)	1	
				N								NE			
HGT	1-3	4-1C	11-21	22-33	34-47	45+	PÇI		1-3	4-10	11-21	22-33	34-47	48*	PCT
<1	• 3	. 4	•0	.0	.0	.0	.7		.1	. 4	.0	.0	.0	.0	.5
1-2	• 2	. 7	• 2	.0	•c	• ຄ	1.2		.1	. 4	•	.0	-0	•0	. 5
3-4	• 1	• 2	• ?	•0	.0	.0	• 6		•0	. 2	•	.0	.0	.0	• 2
5-6	•0	.0	•2	3.	•0	.0	.2		.0	.0	• 1	.0	.:	.0	. 1
7	• 0	•	•0	۰.	•0	.0	•		.0	.0	.1	.0	.0	.0	.1
8-9	• C	• 0	•0	•0	.0	•0	•0		•c	.0	•0	.0	.0	.0	•0
10-11	•0	٠.	•0	٠.0	.0	•0	.0		•0	٠٠.	•0	٠.	.0	•0	.0
12	•6	٠.	•0	.0	•0	.0	.0		.0	.0	٠.0	.0	•0	٠.	•0
13-16	•¢		•0	.0	•0	٠.	•0		.0	•0	•0	.0	•0	.0	.0
17-19 20-22	•0	•0	•0	.o 3.	•0	.0	•0		•0	٠.	•0	.0	.0	.0	.0
23-25	•0		3.		•0		.0		.0	.0	.0	.0	.0	.0	.0
26-32	.0			::	:0	:0	.5		.0	.0		.0		:6	.0
33-40	.0	::	.0	:0	.0				.0	.0	.0	.5	.0	.0	
41-48	•0	:0	.0		•0	::	.0		.0		.0		:0	3.	.0
49-63	.0	.č		:0			:0			:0	·			:6	:0
<b>41-70</b>	.0		•0		.0	.0			٠,		.0	.0	.0		.0
71-86		.č	.0	.č			.0			::	.0	.0			.0
87.		ě				.c	.0		.c		.0	.0	.0	.5	.0
TOT PCT	.,	1.4	.6	.0	.0		2.7		•	1.0	• 2		.0		1.4
	• •	•••					• • • •					••		•••	•••
				£											
HGT	1-3	4-10	11-21	£2-33	34-47	48+	PCT		1-3	4-13	11-21	SE 22-33	34-47	48+	PCT
	3			.0	.0		1.0		1.6	6	*****		.0	.0	1.2
1-2	.2	1.5	• 1	.e	•6		1.3		.1	1.2	.3	.0	.ŏ		1.7
3-4		.5				.5	.,		*;		. 3		.0	٠.:	
5-6	.0	.1			.0				• 6	.1	. 3	•			
1	•0	.0	• 1	.0	.0	.0	- 1		•0	•	.0	.0	.0		•
8-9	.0	.0	.0		•0	.0	•0		•0	- 1	.0	.0	.0	.0	. 1
10-11	•0	٥.	.0	.0	•0	.0	•0		•0	.0	•0	.0	•0	.0	.0
12	•0	.0	•0	.0	٠0	•0	.0		•0	٠.	•0	.0	-0	.0	-0
13-16	.0	. 3	.0	.0	.0	7.	•0		•C	.0	•0	.0	.0	.0	.0
17-19	•0	.0	.0	•0	•0	•0	•0		•0	.0	•0	.0	-0	.0	.0
20-22	.0	.0	.0	.0	•0	.0	•0		•0	. 0	•0	.0	•0	.0	•0
23-25	•0	. 3	٠.0	•0	.0	•0	•0		•0	•0	•0	.0	-0	.0	• 0
26-32	•0	•9	•0	•0	•0	.0	•0		•0		.0	.0	•0		-0
33-40	•0	.0	9.0	.0	•0	•0	•0		•0	.0	• 0	•0	•0	.0	•0
41-48	.0	•0	٠,	.0	.0	.0	•0		•0	•0	•8	.0	-0	.0	•0
49-60	.0	.0	•:	.0	.0	.0	• 5		•0	ن.	•0	.0	-0	.0	•0
61-70	•0	.0	. 0	•0	•0	•0	•0		•0	.0	-0	.0	-0	.0	-0
71-86	.0	.0	•0	.0	.0	•0	.0		٠.0	.0	•0	.0	•0	.6	•0
87+	.0	.0	.0	•0	.0	•0	·C		•0	.0	•0	.0	•0	٠.	• 0

									JULE							
PERIOD:	LOVER	(-ALL)	1463-1	7/9				TABLE	18 (CONT)				ANLA	CT11	PUNTA I E3 Pa	.)=
				PC	I FREQ	OF SIND	SPEED	(KTS)	AND DIREC	1105 1	ERSUS S	EA HLIG	HTS (FT)	,		
				5			•									
HST	1-3	4-10	11-21	22-33	34-47	48+	PCT		1-3	4-13	11-21	22-33	34-47	48.	PCT	
<1	1.1	2.0		.0	.c	.0	3.2		i.ž	2.8	:i		•0	٠.	4.0	
1-2	. 5	3.5	. 3	.0	.0	.0	4.3		. 7	5.0	1.7	.0	.0	٥.	10.4	
3-4	- 3	1.7	.9	- 1	•0	.0	3.0		- 1	3.3	3.4	• :	٠٥.		6.2	
5-6	•0	. 5	+5	.1	.c	•0	1.1		•1	1.1	5.0	.0	•0	٠.0	3.3	
7	•0	• 1	• ?	•	.0	.0			• 0	• 2	.2	•	•0	٠.	. 4	
8-9	•0	•	•0	•0	.0	.0			•0	• 1	•?	.0	.0	٠.	. 3	
10-11	•0	.0	.5	•0	•0	•0	.0		•0	• 0	• 1	- 1	.0	.0	• 1	
12	•0	•0	•0	.0	.0	.0	.0		•0	.0	۰.0	٠,	•C	.0	.5	
13-16	•0	.0	•6	.0	• 2	•¢	•¢		• 5	• • •	.0	•0	.C	٠.	.3	
17-19 20-22	• (	.0	9.	.0	•0	0.0	.0		• 2	.0	.0	• •	.c	.c	3.	
23-25	.0	.0	.0	.0	.0	.0	.0		•C	.5	.c		.0	3.	.5	
26-32	•0		.0	.0	.0	.0	.0		•6	• •	3.		-0	٠.		
33-4C	.0	.0	ě	.0	.0	.0			:0	.3				.c	.5	
41-46	•0		5.		.0	.0			.0		.6		.0	۵:		
49-50	•0	.0	ù		.0		.0		•0	.0			.0		.0	
61-76	•0	.0	• 0	.c	.0	•0	.0		•0		2.	3.	•0	٦.	.0	
71-86	.0	.0	.0	.0	.0	.0	.0		-0	.0	.0	.0	.0	• C	.0	
67+	•0	٠.	.0	.0	.0	.0	.0		•0		.0	.0	.0	٠.	.0	
TOT PCT	1-5	7.6	7.2	•5	•0	•0	12.0		2.1	15.5	7.6	.1	.0	٠.	25.3	
				a a								N.E				TOTAL
HST	1-3	4-10	11-21	55-33	34-47	48+	PCT		1+3	4-10	11-21	22-33	34-47	46 *	PCT	PCT
<1	• . 6	3.6		.0			4.7			.7	.0	.0			. 9	
1-2	1.1	12.1	3.1	.c	.0	.0	16.3		.0	3.0	. ;	.0	.0	.0	4.4	
3-4	•2	5.8	4.4	- 1	•0	.0	10.5		, c	1.3	1.2	.0	.0	٠.	2.5	
5-6	- 1	1.3	2.3	.2	.0	.0	3.9		.0	.4	.6	.1	.0		1.0	
7	٠0	. 3		• 1	.0	.0	.7		,0,	•	•	•0	.0	-0	- 1	
8-9	٠.0	• 1	.2	. 1	•0	٠.	. 3		.0	. 3	.0	٠.	.0	.0	. 2	
10-11	•0	•0	• (	.0	.0	.0	-0		.0	-0	.0	.0	٠.	.c	. 5	
12	+0	.0	٠.	-0	.0	•0	.0		.0	ت.	- 1	.0	•0	.0	- 1	
13-16	•0	.0	-1	٠,0	.0	•0	•1		.0	٠.	•0	.0	-0	٥.	• • •	
17-19	•0	.0	•0	.0	.0	.0	.0		•0	٠.	.c	.0	•0	.0	.0	
20-22 23-25	٠,٠	.0	.0	.0	.0	.0	.0		٠.٥	.0	.0	٥٠	•0	٥٠	.0	
26-32	.0	.0	.5		.0	.0	.0		.0	• •	.0	.0	.0	3:	.0	
33-40	.0		.0	.0	.0	.0	.0		.0	.0	.0		.0	3.	.3	
41-46	.0	.0	ě	.0	.0	.5	.0		10	.0	.0	.0	.0	::		
49-60			.0		.0						.0		.0		.0	
61-70	.0	.0	.č			.0				::		.0	.0	.3	.0	
71-86	.0			.0	.0	.0	.0				.0		.0	.0	.0	
87.	.0	.0	.0	.0	.5	.0	•0		.0	.0	•0		.0	.č	• 0	
TOT PCT	2.2	23.4	10.5	. 4	.0	.0	36.6		.2	6.1	2.6	.1	.0	.0	8.9	94.4

	WIND	SPEED	(KI\$)	VS SEA	HEIGHT	(FI)		
HGT	0-3	4-10	11-21	22-33	34-47	46+	PCT	101
(1	1:.3	11.1	.5	.0	.0	.0	22.4	062
1-2	3.3	30.1	6.3	.0	•0	.0	39.8	
3-4	.8	13-2	10.5	. 3	.6	.0	24.7	
5-6	• 2	3.4	6.0	. 4	٠.6	•0	9.9	
7	.0	.6	. 9	-1	٠.	•0	1.6	
4-9	.0	• 2	. 4	• 1	•6	• 0	-6	
10-11	.0	•0	. 1	- 1	• ti	.0	. 1	
12	٠.	.0	.1	•0	-0	•0	• 1	
13-16	•0	•0	• 1	•0	•0	-0	- 1	
17-19	.0	.0	.0	•0	+0	.0	•0	
20-22	٠.	.0	.0	•0	٠.	٠.0	•0	
23-25	•0	+0	.0	•0	• 0	-0	.0	
26-32	.0	•0	.0	•0	.0	-0	.0	
33-40	• 0	.0	.c	-0	.0	.0	•0	
41-46	•0	.0	.0	•0	• C	.0	•0	
49-40	.0	. 3	.0	•0		٠.0	.0	
61-79	.0	.0	.0	• 0	.0	.0	•0	
71-46	.0	-0	.0	•0		.0	•0	
87+	٠.	-0	.0	•c	.0	.0	.0	
								1712
TOT PCT	15.6	58.9	24.6	. 9	.0	•0	100.0	

PERIO	D. 194	ER-4LL	3 294	9-1979					TABLE	19											
					PERCENT	FRE	-	F WAY	E HEIG	HT (F)	13 VS 1	MAVE P	CAIOD	(SECON	05)						
PERIOD (SEC)	a	1-2	3-4	5-6	7	9-6	10-11	12	13-16	17-19	50-55	23-25	26-32	33-40	41-46 4	9 60	61-70	71-66	\$7+	TOTAL	ME AL
< 6	5.7	16.4	17.0	7.3	1.8	1.1	- 1	•	• 6	•	.0	.c	.0	.0	.0	.0		.0	-0	2569	3
6-7	.2	2.6	9.2	8.0	2.7		• 3	. 1	- 1	•	.0	-0	.0	.0	.0	-0	0	٠.	.0	1246	•
8-9	•	1.0	3.1	3.1	1.3	2.	• 2	•	•	•0	.0	-0	.0	.0	. 6	.0	0	.0	.6	482	5
10-11	.0			1.1	46	• 2	•1	•		.0	.0	.0	. 0	• 0	.0	.0		.6	.0	196	5
12-13	.0	.0	.6	, 7	. 2	• 2	•	•	•	•	.0	.0	.0	.0	.0	Ó			.0	90	5
>13	.0	.0	.0	.7	• 2	• 1	.1	- 1	.6	۰.0	.0	.0	.0	.0		.0			.0	59	
INDET	5.6	1.6	2.0	1.1	• 1	• 1	• 1	•0	•	-1	.0	.0	.0	.0		.0			٠.	564	2
TOTAL	599	1177	1760	1191	159	154	49	12	9	6	à	ō	0	C	à	Ċ	C	0	6	5206	3
PCT	11.5	22.5	32.7	21.9	6.9	3.0	. 9	• 2	٠٤	• • •	•0	٠.٥	•0	•0	.5	•0		.0	٠ŏ	100.0	

TABLE 1

AREA 2011 PUNTA BURICA 2.7% \$3.0W

FOCFNY	COLUMBICA	O.E.	UFATHED	OCCURRENCE	 THO !	401131016

			,	HECIPI	TATIO	N TTPE					01469	WEATHER	PHENO	MENA	
ND DIR	RAIN	RAIN Shar	ORZL	FRZG PCPN	ShOb	OTHER FRZN PCPN	MAIL	PCPN AT OB TIME	PCPN PAST Hour	IHOR LING	FOG HO PCPN	FCG WO PCTH PAST HE	SMOKE HAZE	SPRAY BLUG DUST BLUG SNOW	
24	7.0	5.7	3.1	.0	.0	.0	.0	15.4	7.8	6.3	.0	.с	.0	.9	72.0
N.E.	5.2	٠.0	3.C	.0	.0	.0	٥.	12.1	8.1	6.7	.0	.0	.0	.0	73.7
Ε	7.7	3.9	2.7	.0	.0		·c	13.9	7.9	6.5	·c	.0	. 3	.0	71.4
SE	4 . 6	2.7	2.3	.0	.0	.0	.0	9.6	6.9	4.1	.0	.0	.1	.0	79.8
s	8.8	5.6	3.7	.0	.0	.0	.0	17.2	6.5	4.5	.0	. U	.5	. 1	71.7
SW	6.4	4.2	2.9	•0	. 0	ů.	ů.	13.6	7.9	3.9		.0		•	74.7
2	6.5	4.2	2.1	.0	.0	.0	.1	12.6	6.4	4.5		.c	.1	.1	76.4
N#	6.1	5.1	1.6	.0	.0	.c	.1	14.6	8.0	6.0	. i	.c			72.7
YAR	•0		.0	.0	.0	.0	.0		.0	.0	.0	.0	.0	.0	
CALM	2.6	1.9	1.7	.c	•0	.5	.c	6.5	5.0	5.Č	.4	.0		• 2	42.5
TOT PC1	5.6	4.2	2.6	.0	.0	•0	•	13.3	7.0	4.6	. 1	.с	•5	•1	75.2

TABLE 2

#### PERCENT PREQUENCY OF MEATHER OCCURRENCE BY HOUR

			•	RECIPI	TATIO	TYPE					OTHER	WEATHER	PHENO	HENA	
HOUR (S#T)	RAIN	PAIN SHER	GR2L	FRZG PCPN	SNOL	OTHER FRZN PCPN	HAIL	PCPh AT	PCPN PAST HOUR	IHOR LINS	FOG HO PCPN	FOG WO PCPN PAST HP		SPRAT BLEG DUST BLEG SNOW	NO SIG BEA
20103	5.1	3.9	2.4	.0	.0	.0	.0	11.8	5.4	3.4	.3	.0	•1	-1	79.6
U6£09	6.0	3.6	2.7	• 0	٠٠	٠.	.0	12.1	6.2	12.1	.1	.0		• 1	69.7
12415	8.5	5.2	2.3	.0	.0	. 0	.0	15.9	8.3	4.7	. 1		. 3		71.2
18451	6.3	4.2	2.7	.0	•0	.0	• 1	13.0	7.4	1.0	. 1	.0	. 3	• 1	78.6
101 PCT 101 Op5:	6.6 7537	4.2	2.5	.0	•0	•0	•	13.2	6.9	4.4	.1	.0	.3	•1	75.1

#### TABLE 3

#### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

*NO DIS	0-3			22-33		44+	TOTAL	PCT FREQ	MEAN SPO	00	03	06	HQUR Q9	1GHT)	15	18	21
A	.9	1.6	.4	•	.0	.0		2.8	6.1	1.6	3.3	3.4	3.4	4.2	2.5	2.5	2.5
NΕ	. 3	1.6		•	•0	.0		2.3	7.6	1.4	1.7	3.0	2.4	2.t	2.3	2.2	1.0
ε	. 7	2.1	.5	•	•	.0		3.3	6.9	2.1	4.3	3.9	4.5	3.2	5.3	3.6	3.2
SE	. 8	3.9	.5	•	•0	٠.		5.3	6.8	4.6	2.4	6.2	6.1	4.0	5.2	6.1	7.6
\$	1.9	4.8	1.8	.1	•	.0		13.6	7.3	12.9	15.6	13.6	10.2	11.7	15.7	15.5	15.3
S.	2.7	20.0	5.2	.2	•	.0		28.1	8.0	34.4	19.7	24.2	30.1	25.8	29.1	27.1	31.4
4	2.9	21.0	5.9	- 1	•	.0		29.9	6-1	32.3	34.0	30.3	29.4	29.7	27.6	28.3	24.1
N.	1.1	5.6	1.4	•	•0	.0		8.1	7.6	6.2	6.8	8.2	7.3	10.5	8.5	7.6	11.0
VAR	.0	.0	.0	.0	•0	.0		.0	-0	.0	.0	•0		.0		.0	.0
CALM	6.6							6.6	.0	4.5	10.3	7.3	6.6	8.0	3.6	7.0	3.9
101 OBS	1512	5524	1360	32	3	0	8431		7.2	1917	134	1550	244	1867	183	2278	254
TOT PCT	17.9	65.5	16.1	.4	•	.0		100-0	••							100.0	

#### TABLE 3A

				(KNOTS)							C (GHT	1
WND DIR	0-6	7-14	17-27	26-40	43.	OBS	FREQ	HEAN SPO	03	09 06	12 15	16 21
	1.5	1.0	.1	.0	.c		2.6	6.1	1.7	3.4	4.0	2.5
NE	1.1	1.1	• 1	.0	.0		2.3	7.6	2.4	2.9	2.8	2.1
ε	2.0	1.2	.1	•			3.3	6.9	2.4	4.0	3.4	3.6
32	3.1	2.1	-1	.0	.0		5.3	6.4	4.4	6.2	4.1	6.3
\$	6.8	6.5	• 2	•	.0		13.6	7.3	13.1	13.2	12.1	15.5
SW	11.6	15.6		•	•		24.1	8.0	33.4	23.0	26.1	27.5
¥	12.4	14.6	, 9	.0			29.9	8.1	32.4	30.2	29.5	27.9
Na	3.9	4.0		.0	. 0		4.1	7.6		4.1	10.3	7.9
VAR	- 0	٠.		.0	•0		.0		.0			•0
CALM	6.6		•••		•••		4.4		4.9	1.2	7.7	6.7
101 085	4163	4042	217	,	2	8431		7.2	2053	1799	2052	2532
TOS BCT		47.0	3.4		- :		100.0			100 0		

AREA DO11 FUNTA BUNICA 7.7% 83.50

#### PERCENTAGE FREQUENCY OF MIND SPEED BY HOUR (GHT)

				LIND	SPEED (	KNOTS			PCT	TOTAL
HOUR	CALM	1-3	10	11-21	22-33	34-47	46.	HEAN	FREG	085
00603	4.9	9.1	67.2	14.2	.5	.1	.0	7.8	100.0	2053
96409	7.2	10.1	65.4	17.0	. 3	. J	.0	7.2	100.0	1794
12615	7.7	11.6	64.7	15.4	.5	•	.0	7.3	100.0	2052
18621	6.7	13.7	64.7	14.5	. 3	٠.	.0	6.9	100.0	2532
TOT	556	956	5524	1360	32	3	Ġ	7.2		8431
PCT	6.6	11.5	65.5	10.1			٠.		100.0	

TABLE 5

TABLE 6

P	CT FRE			LOUD A		E1GHTHS)							CEILIN NH (5/					
						MEAN												
END DIR	3-2	3-4	5-7	3 8	TOTAL	CLOUD	600	15C	300	600	1000	2060	3560	5000	6500	\$600+	4H 45/8	TOTAL
				OBSCD	085	COAFS	149	299	599	779	1999	3499	4999	6495	7999		ANY HGT	085
N	•2	. 3	1.2	1.1		6.4	.1	.0	•1		.4	•2	- 1	. 1	•	-1	1.4	
NE	- 1	. 3	1.0	.7		6.1	.0		•	.3	.4	• 2	•		.0		1.2	
E	.1	. 4	1.4	1.0		6.3	.1	•	- 1	- 6	. 6	.2	•	• •	.0	•	1.3	
SE	. 3	. 7	2.3	1.6		6.1	. 1	•	.2		. 9	.4	•		•	•	2.7	
S	. 3	1.4	6.3	5.5		6.6	. 3	. 1	.6	2.1	2.8	1.0		•	•	- 1	6.2	
SW	. 8	2.4	13.5	11.9		5.6	. 3	.2	1.3	5.1	5.9	1.6		. :	•	-1	13.4	
ž.	1.5	3.6	13.8	11.3		4.3	. 3	. 3	1.5	4.9	5.5	1.7	. •			•	14.9	
ALE		. 9	3.9	2.9		6.4		•		1.4	1.3		. 3	•	•	. 7		
VAR		.0	.0	.0		•3	.0	.0	.0	.0	.0	.0	•0		.0	.0	•0	
CALM		1.5	3.1	1.7		5.7		•		.6	1.0	.3		•	.0	•	4.4	
TOT CBS	247	688	2770	2253	5958	6.4	80	42	247	953	1113	365	146	30	11	17	2944	5958
tot ect	6.1	11.4			100.0	/	1.3		4.1	14.0	14.7	4.1	2.4				44.4	100-0

TABLE 7

### CUMULATIVE PCT FRED OF SIMULTANEOUS OCCURRENCE OF CEILING HEIGHT (NM >4/8) AND VSBY (NM)

						VSBY (AH	3			
	£1	ILING	= OR	I CR	= 0R	I OR	= 0R	= OR	= OR	= OR
	- (1	(T33	>10	>5	>5	>1	>1/2	>1/4	>5040	>0
=	08	>6500	.5	.5	.5	•5	.5	.5	.5	.5
=	0.9	>5000	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1
=	OR	>3500	3.0	3.5	3.6	3.6	3.6	3.6	3.6	3.6
=	OR	>2000	8.3	9.6	9.7	9.8	9.8	9.4	9.8	9.8
:	CR	21000	23.6	27.7	24.3	24.5	28.5	28.5	28.5	28.5
:	CR	>600	35.0	42.3	43.9	44.1	44.2	44.2	44.2	44.2
:	CR	>300	37.4	45.9	47.4	48.2	48.3	48.3	48.3	44.3
:	OR	>150	37.7	46.4	48.5	46.8	49.0	49.0	49.0	45.0
=	OR	> 0	38.0	47.1	49.5	50.0	56.2	50.3	50.3	50.3
		TOTAL	2335	2893	3040	2072	3062	3067	3090	3092

TOTAL NUMBER OF OBS: 6142

PCT FREG NH <5/6: 49.

TABLE 7A

#### PERCENTAGE FRED OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 OBSCD OBS 1.4 5.8 12.8 14.7 14.6 10.7 11.8 9.9 17.5 .9 6500

PE4100:	(PRIHARY)	1951-1979
	I GVI D-ALL I	1486-1976

TABLE &

AREA OGSI PUNTA SURICA 7.7% 83.0W

ALL) I	886-1975						14	BL: 8					
		P	ERCENT					¥5 0000 ¥146 ¥				URRENC Y	E OF
**		*	Nξ	ŧ	s€	\$	Sw		NE.	VAP	CALM	PLI	101/6
(%M)													085
	PCP	.0	•	•0	•	- 1	•	•	•	•0	.0	• 2	
(1/2	NO PEP	. 3	•0	• 5	•	٠,	•	•	-0	.0	.0	- 1	
	101 1	•3	•	•11	•	- 1	• 1	•	•	٠.	-0	٠.۶	
	PCP	.0		•		•	•	.1	•	.0	.0	. 3	
1/2(1	NO PCP	• 2	.0	-0	-0	.0		•		.0		• 1	
	101 1	• 3	•	•	•	•	. 1	- 1	•	•0	.c	• 3	
	PEP		•	•	•	.1	. 2	.2	-1	. 2	.0	. 6	
1<2	NO PCP	•	.:		.0	•	• 2	. i		.0	.0	. 3	
	101 1	•	•	•	•	- 1	. 4	• 2	• 1	.0	.c	. 9	
	PCP		. 1	. 1	-1	.3		.5	-1	.0	. 1	1.7	
215	NO PEP	. 1	•	• 1	•	• 2			• 1	.0	•	1.3	
•	101 2	• 1	. 1	• 1	•2	. 5	. 4	. 8	•2	.0	- 1	3.0	
	PCP	. 1		•2	.1	. 9	1.4	1.4	.4	.0	. 1	4.6	
5(12	NO PEP	. 3	.2		.5	1.2	2.8	2.t	.7	.0	. 4	9.0	
	101 4	.4	. 3	- 5	.7	2.1	4.2	4.0	1-1	•0	. 4	13.6	
	PCP	.2	- 1	•2	.2	1.0	1.7	1.6	.5	.0	. 3	5.2	
10+	NO PEP	2.1	1.6	. 2.5	4.2	9.7	21.C	23.1	6.1	2.	5.5	76.0	
	101 1	2.3	1.9	2.6	4.4	10.7	22.7	24.7	6.7	•0	5.0	81.8	
	240 101												7283
	TOT PC1	2.9	2.3	3.5	5.3	13.5	20.3	29.9	8.2	.0	6.3	100.0	

TABLE 9

			'					ECT104 5 OF V			ED		
VSAT	SPD KTS	*	46	ŧ	SE	\$	S ==		NE	ATS	CALM	PCI	TOTAL
	0-3	.0		٠.	.0	.0	•	. L	.0	.0	.c	•	
<1/2	4-1C	•	•	.0	•	•	- 1	•	•	.0		• 2	
	11-21	.0	•	. U	.0	•	.0	•	•	.0		- 1	
	22.	٠.0	.0	-0	.0	•	•	٠.	.0	-0			
	101 1	•	•	-0	•	- 1	- 1	- 1	•	.0	.c	• 3	
	0-3	٠.	-0	.0	.0	٠.	• 0	.0	.0	.0	.0	.0	
1/2<1	4-10	•0	.0	•	•	•	•	. 1	•	.0		• 2	
	11-21	•0	•	•	•	.0	•	- 1	•	.0		• 2	
	22+	•0	.0	.0	-0	.0	.0	.0	.0	.0		•0	
	101 1	-0	•	•	•	•	. 1	• 2	•	.0	.0	• •	
	C-3	.0	-0	•	.0	•		•	.0	.0	•	-1	
1<2	4-15	•	•	•	•	• 1	. 3	• 2	- 1	.0		. 7	
	11-21	.0	.0	•	•	•	. 1	. 1	• I	.0		- 3	
	22+	•	.0	.0	.0	-0	.0	.0	.0	.0		•	
	101 1	•	•	•	•	•2	. •	.3	• 1	.0	•	1.0	
	0-3	.5	.0	•	•	•	•	. 1	•	.0	. 1		
245	4-10	• 1	-1	-1	- 1	. •	. ?		-2	.c		2.2	
	11-21	•	•	- 1	•	• 1	. 3	. 3	- 1	.0		. •	
	22*	.0	•	•	•0	•	•	.0	.0	.0		- 1	
	101 1	-1	- 1	•2	• 2	. 6	1.0	1.0	• 3	.0	- 1	3.5	
	0-3	-1	.3	-1	- 1	-1	•2	.2	.1	.0		1.4	
5<10	4-10	• 2		.3	.5	1.9	2.5	2.4	. 8	.0		4.1	
	11-21	• 2	- 1	- 1	- 1	.5	1.3	1.3	. 3	.0		3.4	
	22.	•	.3	•		•	. 1	.0	•	•0		• 1	
	101 1	••	•2	.5	.7	2.0	4.0	4.0	1.2	.0	• •	13.4	
	G-3		.3	. 6	.7	1.7	2.3	2.4	1.0	.0	6.1	15.8	
10.	4-13	1.3	1.4	1.6	3.3	7.7	16.2	17.4	4.6	•0		53.8	
	11-21	•2	- 3	- 3	••	1.2	3.7	4.4	1.0	•0		11-6	
	22.	.0	٠.	•	•	•	- 1	• 1	•	.0		• 2	
	101 1	2.3	1.9	2.7	4.4	10.6	55.2	24.3	6.6	.0	6.1	41-4	
	101 085												7642
1	IOT PCT	2.9	2.3	1.1	4.4	11.5	27.6	29.7	4.2	-0	6.7	100.0	

PERIOD: (PRIMART) 1951-1979 (OVEP-ALL) 1886-1979

TABLE 10

APEA CG31 PUNTA BURICA 7.7% 83.0W のである。 1997年 - 1997年

Williams of the

ERCENT	FREQUENCY	OF	CEILING	HEIGHTS	IFEET, SH	74/81	AND

HOUR (GPT)	600 149	150 299	300 594			2000 3499					TOTAL	NH <"/5 Amy +gt	
00603	1.3	.6	3.3	15.9	16.2	5.9	2.5	.1	-1	. 3	48.6	51.2	1654
6556	1.5	•2	3.6	15.5	19.6	5.4	2.5	.3	.2	. 7	49.6	51.2	1216
12615	1.5	.9	5.1	16.3	14.1	5.6	1.4	.7	. 3	• 1	50.2	44.4	1617
16621	.9	.9	4.0	14.0	17.6	7.0	2.7		.2	• 3	48.3	\$1.7	1819
101	80	*3				384				21		3204	6306

TABLE 11

IABLE 12

		PEPCENT	FREQUEN	CY YSA1	(HA)	£A HONE		CUMULAT					1.87 HOUP	
HOUR (GHI)	(1/2	1/2<1	1<5	2<5	5<10	19+	TOTAL GBS	HOUP EGHT 3	<150 <50Y¢	<600 <1	<1000 <5	1000+ #ND5+	NH (5/6 AND 5+	TOTAL OBS
00603	•2	.3	. 1	2.6	11.6	44.5	1923	50603	1.4	5.5	22.6	27.5	49.5	1612
06609	. 3	-1	. 8	3.4	14.3	41-1	1467	06609	1.5	5.5	22.9	28.7	48.5	1176
12615	.5	.3	1.5	4.6	13.5	74.5	1959	12615	1.5	7.8	25.3	26.5	48.2	1574
18621	.3	.7	.9	3.4	13.7	61.0	2329	10221	. 9	6.1	21.1	24.4	50.5	1780
to:	26	28	80 1-0	276	1046	6422	7876 100.0	101 PC1	80 1.3		1407	1703	3032	6142

TABLE 13

1/8LE 14

	PERCE	ENT FRI	EQUENC	y of R	ELATIVI	E HUMI		T 1EMP				PERC	LNT FR	ECLERO	T CF .	IND OI	ACCTIO	L 27 11	EMP	
TEMP F	C-29	30-39	40-49	50-59	60-69	70-79	80-89	90-300	OBS	PCI FREQ		¥£	c	SE	5	se		Nu	VAR	CALM
90/94	.0	.0		.1	. 3	.2	.0	.0	34	.5	•				-1	. 1	.1	•	.0	.1
85/89	.0	-0	.0	-1	.9	3.5	1.0	•2	365	5.7	.3	•2	• Z	.3	.6	1.4	1.6	.5	.0	.7
80/64	.0	.5	•	.0	. 8	14.6	33.7	7.4	3624	56.5	1.5	1.1	1.5	2.4	7.3	15.5	18.3	4.6	- 0	3.9
75/79	.0	.0	. 3	.0	.1	1.6	17.9	16.3	2310	36.0	1.1		1.3	1.7	5.6	11.2	9.4	2.8	.0	1.4
70/74	•6	.0	.0	.0	•0	.0	- 1	1.1	76	1.2	.1	- 1	•	- 1	-1	. 3	. 3			•
TOTAL	Ö	0	3	10	128	1286	3347	1602	6409	100.5										
PCT	•0	.0		. 2	2.0	20.1	52.7	25.0			2.9	2.2	3.1	4.6	13.6	24.5	30.2	7.9	•6	6.5

TABLE 15

	MEANS.	EXTREM	ES AND	PERCE	ITTLES	OF TE	106	G F1 8	SY HOUR		PERC	ENT FRE	CUENCY	OF REL	TIVE H	*******	<b>64 HOUR</b>	7
HOUR	₩AX	**1	451	501	51	11	MIN	MEAN	TOTAL	MOUR (G=1)	0-29	23-59	60-69	70-79	80-89	90-100	PLAN	TOTAL
00503	94	46	89	80	77	75	72	80.4	2077	00to3	-0	•2	1.1	19.6	57.2	21.5	85	1676
06604	91	24	83	80	74	74	71	79.6	1450	Detca	.0	. 1	. *	14.0	56.9	28.2	86	1387
12615	91	64	83	79	74	74	71	79.4	212C	12615	.0	.0	. 6	11.1	54.2	32.1	87	1699
18621	94	90	27	82	74	74	69	81.7	2545	10121	.0		4.8	23.3	43.2	14.3	82	1864
101	74		85	<b>A</b> 3	76	74	4.9	40.4	4440	101	D	15	131	1332	3507	1643	8.5	6626

PEPIOD: (PRIMARY) 1951-1979 (CYEP-ALL) 1886-1976

TABLE 17

APEA 0031 PUNTA BURICA 7.7% 83.0%

PCI	FREG 0	F A1P	TEMPERATURE	1015 F	 THE	OCCUPRENCE	OF	FCG	(wI THOUT	PRECIPITAT	10m
٠											•••••

419-564	49	73	77	41	85	.,	292	101		HC
THP DIF		76	40	14	ii	92			FOG	FOG
145 011	72	16	•	••	••	72				700
14/16	.:	.0	.0	•	•0	.c	.0	1	.0	•
11/13	.0	-0	46	.0	•	•	•	,	. 3	-1
9/10	.0	. 2	٠.6	•		.1	•	17	.0	•2
7/8	.0			.2	• 2	. 1	•	36	.0	.5
•	.0	.c		• 1	• 2	. 1	.0	29	.0	.4
5	.0	.0	- 1	-1	. 5	.2	. 0	64	•0	. 7
4	.õ	.0	• 1	. 5	1.0	. 1	.0	117	.0	1.7
3	.0	•	• 1	. e			.0	110	•	1.7
2	.5	.0	.2	2.5	1.3	•	.0	272	.0	4.0
ī				3.1	•	.0	. 0	297	.0	4.4
ō	.0		2.9	9.1	. 5	•	. 0	854	.0	12.5
-1		. 1	4.3	7.5	. 2	.c	.0	127	.0	12.1
-2	.0	.2	1.6	t.•	• 1	.č	. 0	1145		17.3
-3	.ŏ		9.7	4.7		.ŏ	.0	1004	- 1	14.7
			8.3	2.3	10	.0	.0	778	•0	11.4
-5		1.0	5.5		•6	.c	.0	500		7.3
-6	. 3	1.2	3.1	.3	•	,õ	.0	316	-0	4.6
-7/-8		1.6	2.3	.2	•	.c	. 0	283	•0	4.1
-2/-1		.,			-6	.0	. 5	<b>£</b> 7	.0	1.3
-11/-13	::	.;			3.5		.5	30		
-19/-16			•	.0	- 5			7	.0	• • • • • • • • • • • • • • • • • • • •
	.0	- 1						•	• • •	
TOTAL	11		3163		405	_	3		,	6113
		+21		2775		47		4825		
PCT	. Z	6.2	46.3	4C.7	5.9	.7	•	100.0	• 1	99.9

PEP10D: (GVER-ALL) 1965-1979

				PC	1 F9[C 0	F WIND	SPEED (	KTS; AND DIRE	C110# 4	ERSUS S	EA HEIG	HTS (FT)		
				×							M£			
HET	1-3	4-10	11-21	22-33	34-47	48+	PET	1-3	4-10	11-21	22-33	34-47	48+	PCT
<1					.0				• 2	.0	.0	.0	.0	•2
1-2	.1	1.2		.0	.0		1.4	-1	1.0	• 2	.c	.0	.0	1-2
3-4					.0	.c	.3	•0	. 4	- 1	.0	.0	.0	
5-6		.0			.0		•1	.0		- 1	.0	٥.	40	. 3
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0	-0	-0	٠.	-0
4-9	.0	.0	.0	.0	.0	.0	.0	•0	• C	•0	•6	a.	٠.	.0
10-11	.0	.c	.0	.0	.0	.0	.0	.0	•0	.0	.0	-0	.0	٠.
12	.0		.0	.0		.0	.0	.0	.0	.0	•0	-0	.0	.0
13-16	.0	.0	.0	.0	.0	•t	.0	•0	.0	.0	•5	.0	-0	.0
17-19	.0	.0	.0	.0	.0	.0	.0	•9	-0	.0	-0	.0	-0	.0
20-22	-0	.0	.0	.0	.0	.0	.0	40	٠.	•0	-0	-0	-0	.0
23-25	•9	. 6	. U	.0	.0	.0	.0	4C	- 0	•0	-0	•0	.0	.0
26-32	.0	.0	.0	.0	.0	.0	.0	.0	-0	•0	-0	.0	-0	.0
33-40	.0	.0	.0	.0		.0	.0	•0	.0	.0	-0	٠.	.0	.0
41-46	.0	.0	.0	.c	.0	.5	.0	.0	•0	-0	-0	-0	•0	.0
49-6C	.c	.0	.0	.0	-0	٠.	.0	-0	٠C	.0	-0	-0	٠.	.0
61-70	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0	•6	•6	•0	-0
71-65	.0	٥.	.0	.0	.0	•0		.0		.0	-0	-0	-6	.0
67.	.0	.0		.0	3.	.0	.0	.0	.0	.0	-0	•0	-6	•0
TOT PCT	-5	1.7	.6	-1	.0	-0	2.9	.1	1.9	. •	•0	•0	•0	2.4
				€	_						36			
HST	1-3	4-10	11-21	55-33	34-47	18+	PCT	1-3	4-10	11-51	55-33	34-47	46-	PCT
CI.	• 5	. 3	•9	٥.	.0	.0	. • \$	•2	?	•1	•0	٠5	٠c	1.0
1-2	- 1	1.0	• \$	.0	.0	.0	1.3	.7	1.9	• 3	-0	٠٥	•0	2.4
3-4	••	.2	.2	•c	•0	٠.	. 4	•	• 7	•2	-0	•0	•0	• •
5-6	. c	-1	• 1	.c	•0	٠.	•2	•0	• 2	:	•0	•0	.0	• 2
7	•0	•0	.0	٦٠.	•0	.0	-0	.0		.0	٠.0	.0	•0	.0
6-9	•0	•	•0	•6	-0	•0	•	•0	- 1	.0	+0	-0	٠.5	-1
10-11	•0	.0	٠,٥	٥.	•0	٠.	.0	.0	٥.		٠.0	-0	.5	.0
12	•0	٠,	•0	-1	•0	.0	- 1	.0	٠.	•0	٠.	•0	•0	•0
13-16	•6	••	•0	.0	•0	.0	•5	•0	••	.0	•0	٠0	•0	-0
17-19	•0	٠.	•0	.0	•8	٠.	•0	.0	•0		٠.0	٠0	-0	•0
20-22	•0	•0	3.	•0	.0	•0	.0	•0	٠.	•0	•0	٠0	.0	• 2
23-25	•0	•0	.0	•0	•0	.0	•0	•0	.0	•0	•0	٠0	٠,	•0
26-32	•0	•0	.0	٠.	•0	.0	.0	•0	.0	.0	•0	٠.0	٠ċ	•0
330	-5	•0	•0	.0	.0	٠.	-0	.9	.0	-0	.0	.0	•0	•0
41-48	•0	•0	٠.	.0	.0	•0	.0	.0	.0	.0	.0	.5	٠.0	-0
49-60	•0	.0	.0	•0	•0	.0	.0	• 2	.ŭ	.5	.0	-0	٠,٥	-0
61-7E	-0	•0	.0	.0	•0	.0	•0	•0	.0	.0	-0	.0	٠.0	•0
71-84	•0	.0	•0	.0	•0	٠.	•0	•0	٠.	-0	.6	•6	٠.	•0
67.	-0	-0	•0	٥.	•0	.0	-0	•0		.0	.0	.0	-0	.0
101 PC1	- 3	1.7	.5	-1	-0	.0	2.5	.5	3.4		.5	.0	.c	4.6

		<b>.</b>							JULT							
PE0100	: (046	R-ALL)	1963-1	1979				TABLE	18 ICONT	,			4464	CT11	PUNTA 7N 63	.gu .gu
				PC	T FREG (	F WIND	SPEED	(ATS)		C7164 Y	ERSUS S	CA MEIG	HIS (FI	)		
				s								Se				
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCI		1 - 3	4-10	11-21	22-33	34-47	46+	PC1	
<1		2.1	.1	.0	.0	٥.	2.7		٠.,	4.1	.,	.0	.0		5.0	
1-2	1.0	4.7	. 2	.0	.0	.0	5.9		1.0	12.0	1.7	.0	.0	.0	14.7	
3-4	.3	1.7		•1	.0	.0	3.2			4.4	1.7	•	.0	.č	6.3	
5-6	.0		.4	.0	•	.0	1.1		.0	1.2	1.7	• 1			3.c	
1	.0	•	.0	.0	.0	.0	•		.0	.3			.0	.0	.,	
4-7	.0	.0	•0	.0	.0	.0	.0		, 0		.1	.5		3.		
10-11	•0	.0	•	.0	.0	•0			.0		.i	• 1		. 6	. 2	
12	.0	.0	.0	.0	.0	.0	.0		•0		.0	.0		3.	-6	
13-16	.0	.0	3.	.0	.0	•0	.č		.0		.0					
17-19	.0	.0	.0	.5	.0	•0	.ŏ					.0	.0			
20-22	.3	.0	•0	.0	.0		.0		.0	٥.	.0		.5	3.5		
23-25	. C	.0	.0	.0	.0	•0			•0			.5	. c	٠.	.0	
26-32	.0	.0	•c	.0	.0	.0				٠.	.0					
33-40	.0	.0	•0	.c	.0	-0			.0				.0			
41-44	.0		.0	.0	.0	.0	.0		.0	.0	.0			3.		
49-40	.0	.0	•0	.5	.0	.0	.0		.0	.5	.0					
61-70	.c	.0	.0	ě.	.0	.0	.0		•0	.5	.č		.0		.0	
71-86	.0		3.	.0	.0	.0	.0							3.	.5	
87+	.0		.0	.0	.0	.0	.0		.0		.0		ič.	3.	.5	
101 PCT	1.0	9.5	1.7	-1	•	.0	13.1		1.9	22.0	5.4	.2	•	-0	29.9	
H61	1-3	4-10	11-21	22-33	34-47	48+	PC1		1-3			No.	•• ••			PCT
(1		4.2	.1	.0		7,0	5.1		1-3	1-3	11-21	22-33	34-47	·E	PC1	PC1
1-5	1.1	12.2	1.0		:5	:5	19.3		::	3.4	::		.0		4.5	
3-		5.4	3.3			.ć	6.7		.0	1.2	.;	3.	3.	• 5	1.6	
5-6	:6		1.1		.0		1.6		.ï	*:1			:6	3.	1.6	
7,7			***	 3.		.0	1.5		:6	::	::	ë.		3.	::	
4-7	.0	- :		.0			::		.0	•	• • • • • • • • • • • • • • • • • • • •		٠٠		• • •	
10-11	.0	• 5	.0	.ŏ		::								:6	٠.	
12	.0	.0		.0		::								:6	 3.	
13-16		-6		.0	.0		·.		:č	.3	.0	.0				
17-19	.0		.0	.5						.0	.5		3.		.0	
20-22	.0		.0			3.			:0		.0		.0		.6	
23-25		٥.	.5	.0	•0					3.			•0	.6		
26-32	.0		.0		.0	:0			.0	.0			•0			
33-4C			.5	.0	.0							:0	:6			
41-48			.0	.0	.0		.0		ě			.0	••	:.	.0	
49-40	.0	-0	3.		.0		. a		:č	.0			.0		.5	
61-70	.5	-0			.0				.0					:5	:6	
71-86	- 5	.0	.0	.0	.0		.0		.0	.,	.0		.0			
47.	•	.0	.0	5.		.5	.5				.0		.0	::	.0	
TOT PCT	2.0	22.4	5.0	.0		.č	30.3		.,	4.1	1.4		.0		8.3	94.0
									• •				•••			

であるかられ

PERIOD: (0VER-ALL) 1949-1979 HEAN HGT 3 4 5 7 7 2 7078L 2739 1309 556 190 92 35 591 5457 100.0 5-6 6.4 7.0 3.9 1.0 .5 .3 1.1 1107 20.3 6.2 .2 .0 .0 .0 5.1 .2\* 1-2 16.5 2.9 .7 .6 .0 .0 1.3 1327 24.3 3-4 17.0 9.5 3.0 1.0 .9 .0 1.7 1814 33.2 -11 .2 .4 .2 .1 .1 .0 .5 4 6-9 1 .5 .7 .7 .3 .1 .1 126 2.3 . . . . . . . . . . . . 1.4 2.9 1.2 .5 .2 .2 .3 374 .1 .1 .0.0.0.0.5.1 .00000 .0000000 000000000 000000000 ........... 0000000000 000000000

TABLE 1

AREA OGIL PUNTA BURICA 7.6% #3.6%

PERCENT FREGUENCY	CF	REATHER	OCCURPENCE	8 r	-IND	CIRECILON

			•	RECIPI	01141	N TYPE					OTHER	WEATHER	PHEND	MENA	
JAD GIR	RAIN	PAIN	0221	FR75 PCP4	540-	OTHER FRZN FCPH	MAIL	PCPN AT OB TIME	PCPN PAST HOLR	IHOR LING	FOG LO PEPN	FCG MC PCPA PAST HE	SHORE	SPRAY BLLG DUST BLLG SNOW	
	11.9	6.0	6.0	.0	.0	. t	.0	23.1	10.5	4.2	.0	.c		.0	62.5
AF	10.1	2.5	4.9	.0	.0	.3	٤.	27.1	6.7	4.5	. 7	.0	.0		71.3
(	10.5	4.1	1.0	.0	.0	.5	٠.	15.0	1.8	5.6	.0	٠.	1.0		44.4
žξ	6.4	4.5	3.7	.0	.c	-3	.0	14.4	7.2	3.7	• 1		.1		75.3
\$	3.7	4.4	3-1	.0	.0	-0	- 1	15.5	4.9	3.0	• 2			.0	12.2
5 <b>=</b>	10.0	4.7	2.2	.0	.0	- 0	•	17.4	8.5	4.1	• 2		.2		69.6
	8.4	4.5	2.0	.0	.0			14.5	7.4	3.7	.2	3.			74.1
AM	10.0	5.1	2.5	.0	٠.	.0	٠.	17.5	5.8	4.4	.2	3.	. 2		72.4
ATA	.0	.0	-0		.0	.0	.0	. 0	-0	.c	.0	.0	.0		
CALM	2.5	2.7	2.5	.0	-0	•0	.0	7.2	4.6	4.6	. C		.0		43.5
101 PC1 101 065:	6.9 7597	4.5	2.5	.0	•0	.0	٠	15.7	7.7	3.9	• 2	-5	• 2	•1	72.7

#### TAPLE 2

#### PERCENT FRESLENCY OF MEATHER OCCURRENCE BY HOUR

				RECIPI	11110	TIPE					01468		PHENO	HERE	
MCLR (5~1)	PAIN	FAIL Smar	DRZL	FRZG PCP4	SNOP	GTHER FRZN PCPN	HAIL	PCPL AT 05 TIME	PCPN PAST HOUR	inds Ling		FOS NO PCPN PAST HP		SPRIY PLEG GUST BLEG SEGE	
50653 06624 12615 16621	7.6 8.7 10.6 2.8	3.6 5.6 4.0	2.3 3.9 2.5 2.7	.0 .0	.0	.0	.1	14.2 15.4 18.3 14.9	5.7 7.3 9.3 4.1	3.2 10.3 3.2 1.1	.4 .2 .2	  	.1	.0	76.7 66.7 69.3 75-6
101 PE1 101 005:	9.0 7855	4.5	2.4	•0	•0	.5	•	15.8	7.7	•.0	•2	.0	.2	•1	12.5

#### TABLE 3

#### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND MY HOUR

		d I L	D SPE	LD (R40	151								HOUS	(5RT)			
WAD DIR	0-3	4-10	11-21	22-33	34-47		TOTAL	F C T	PEAN	20	03	CA	09	12	15	18	21
							CF S	FRES	SPL								
	. 7	1.		-1	.0	.0		2.7	4.9	1.6	1.2	3.3	3.7	3.4	3.3	2	1.9
N.E	. 3	1		•	.0	-0		1.4	6.5	1.4	.7	1.7	2.1	2.2	4.3	1.8	1.7
C		1.7		.0	.0	.01		2.6	4.5	2.1	4.2	3.9	1.3	2.2	2.4	2.6	1.0
3€	1.3	3.4	- 6	•	•	.c		5.1	6.7	3.8	3. •	3	3.1	4.5	5.9	6.0	5.3
\$	2.2	10.3	1.7	•	.0	٠.		14.3	7.0	15.3	14.8	13.4	15.3	11.2	14.0	15.9	14.5
5 er	2.7	19.9	6.1	-1	•	.0		28.7	8.3	33.7	31.7	24.2	27.8	27.0	ZC.9	28.2	34.3
4	2.4	21.4	6.7	-1	•	-0		3C.7	8.5	32.7	25.7	29.4	31.9	30.6	32.0	30.0	30.7
44	.8	5.3	1.5	•	•	.0		7.7	7.9		4.1		7.5	11.0	10.9	6.5	*.*
ATS	. 3	.0	-0		.0	•0		.0	-0	-0	.0	.0	.0	.0	.0	.0	.0
CALP	6.3							4.3	-0	*-3	5.4	7.2	7.4	7.6	6.4	6.5	3.7
101 CoS	1510	5722	1540	32	•	0	£804		7.4	1947	142	1580	25#	1997	188	2384	272
TOT PET	17-1	45.0	17.5	.4	•	•0		100.0		100.0	100.0	102.0	100.0	160.0	100.0	100.0	100.0

### TABLE 3A

ere bis	3-6	6140 7-16	SPEED 17-27	1650TS3 28-40	*1*	TOTAL	PCT	PEAN	00	HOLE	16PT:	16
						CBS	FRES	SPD	53	C9	15	21
•	1.5	1-1	. 1	.c	٠.		2.2	4.*	2.7	3.4	3.6	2.4
15	1.1	7		•	.3		1.4	6.5	1.4	1.7	2.4	1-4
(	1.6	. •		-0	.3		2.6	6.5	2.2	3.6	2.2	2.4
SE	2.8	2.2	- 1		.5		5.1	6.4	3.4	5.6		5.9
\$	7.6	4.3		.5			14.3	7.0	15.4	13.7	11.5	10.0
54	21.4	16.5	1.0	•			24.9	4.3	33.4	26.4	26.5	26.4
4	11.9	17.5	1.2	•	.0		30.7	8.5	32-3	29.7	30.8	30.0
1.6	3.5	4.0	.2	•	.0		7.7	7.9	5.0		11.0	4.6
YAR	.0	.0	.0	-0	.0			.0	.0			
CALM	6.3			•••			6.3		4.4	7.2	7.5	•2
101 091	4203	+33C	266	1	8	8202		7.4	2129	1838	2185	2656
101 PCT	47.7	49.2	3.0	-i	٠.	***************************************	100.0	•••		100.0		

ı	u	u	u	2	

PERIOD: (PRIMARY) 1951-1979 (Q4EP-ALL) 1889-1979

TABLE 4

ARLA CO11 PUNTA BURICA 7.6% 63.03

PERCENTAGE FREQUENCY OF WIND SPEED by HOUP (GHT)

				WIND	SPEED (	KNOTSI			PCT	TOTAL
HOUR	CALM	1-3	4-10		22-13		46+	48.38	FREQ	oes
00603	4.4	9.5	65.9	19.7		. 1	.0	7.9	176.0	2127
04409	7.2	10.1	65.3	17.2	. 2	. 5		7.3	100.0	1638
12615	7.5	11.1	64.3	16.7	. 3	•	.0	7.2	100.0	2165
16621	6.2	12.3	44.5	16.5	.5	•	.0		100.0	2656
101	554	956	5722	1540	32	4	0	7.4		0 6 C 8
201	6.3	10.9	45.C	17.5			- 5		100.0	••

TABLE 5

TAPLE 6

•	CT FRE			CLOUD A		(EIGHTHS)		1					CEILIN					
4ND 01P	C-2	3-4	5-7	A L	TOTAL	CLOUD	000	150	***	610	1000	2000	3550	5060		40000	44 (5/8	****
• • • • • • • • • • • • • • • • • • • •	5-1	3-4	<b>3</b> -1	0.500	CBS	COATS	149	299	300 594	919	1000	3499	4959	P# 64	7959	£000-	ART HGT	
	-1		1.1	1.3		5.5	.0	. 1	.3	.4	.5	.2	•		.0	.3	1.4	
ME	- 1	• 2	. 7	. 8		6.6	•	.0	•	- 3		- 1		•	-0	•	. 6	
£	- 1	.2	1.2	1.0		6.5	•	•	. 3	.3		•2	•	•	٠.	•	1.2	
S€	. 3	. 8	2 • 1	1.4		6.2	•	•	. 2	.9	. 5	. 3	. 1			.0	2.6	
5	.5	1.5	7.0	5.2		5.4	•2	.2	. 6	2.3	3.0	1.2		. 1			4.3	
Š¥		2.7	12.7	12.9		6.7	. 5	. 2	1.4	5.6	5.6	1.6			- 1	.1	12.7	
ě	1.0	3.2	14.4	12.1		6.5			1.5	4.7	6.2	2.1	. 9				14.1	
A-M	. 3		3.4	2.9		6.4	• 2	. 1		1.4	1.2		. 1	• 1		•	3.9	
VAR	.0	.0.	• 3	.0		.0	.0	.0	.c	.0		.0			.3	.0	٠.	
CAL"		1.0	3.4	1.6		5.9	.1	•	.2		1.5			•			3.0	
240 101	210	670	2451	2953	6184		95	63	291	1024	1189	413	153	37	13	13	93 93	6154
TOT PCT	3.4	10.0	46.1	39.7	100.0		1-5	1.0	4.7	16.6		6.7	2.5		.2			100.0

TABLE 7

# CUMULATIVE PCT FREC OF SIMULTAMEOUS OCCURRENCE OF CETLING HEIGHT ENH PAYET AND YEST (Nº)

						VSST INF	1)			
	C1	ILING .	= CR	= CR	: CR	: 04	: CR	2 04	= CR	= OF
	U	FEETI	>10	>5	>2	>1	>1/2	>1/4	>5010	>0
:	02	>6500	.3			.4				.4
2	CR	>5000		1.0	1.0	1.0	1.0	1-1	1.1	1.1
:	0.0	>3500	3.0	3.4	3.4	3.5	3.5	3.5	3.5	3.5
:	OR	>2000		1.4	9.7	10.0	10.5	10.0	10.0	15.5
:	CR	2001<	2941	28.5	29.C	29.2	29.3	29.3	29.3	26.3
=	CH	>600	35.3	43.5	45.2	45.5	45.6	45.6	45.7	45.7
=	04	>300	37.6	47.3	47.5	50.0	50.1	50-2	50.3	56.4
:	Q.R	>150	38.3	48.1	50-5	51-0	51.1	51.2	51.4	51.4
:	0.2	> 0	34.4	49.5	51.7	52.3	52.5	52.7	52.6	52.9
		tetu	2666	7174	1100	****	****	1156	1171	****

TOTAL NUMBER OF DOS: 6379

PCT FRES NH <5/4: 47.

TABLE 7A

#### PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 095CC 085

. WILL I	684-1414							2 115					
		<b>*</b> 1	ERCENT					45 OCC					E OF
8587 (74)		•	AE	ε	SE	5	Sw	¥	44	ATB	CALM	PCT	TOTAL
	PCP	•	.0	.0		.1	. 1	1	. 1	.0		. 3	
<1/2	NO PEP	. 9		.0		•		.c	.0	.5	.0	.1	
	101 1	•	.0	.0	•	- 1	. 1	. 1	.1	. 5	•		
	PCr	• 2	.0	.0	•		.1	.1	•	.0		.2	
1/251	NO PCP	ن ،	.0	.0	.0	•	.0	.0	.0	.5	.0		
	101 1	.0	.0	.0	7	•	.1	. 1	•	.c	•	.2	
	PIP	•	•	•	. 2	. 1	.2	.3	•	.0			
1<2	NO PEP	•	•	•		-1	- 1	•	.0	.c	.0	.3	
	161 4	•	. 1	- 1	-1	• Z	. 3	.3	•	.0	•	1-1	
	P:F	.2	.1	. 1	.1	.2		.7	. 3	.0		2.2	
245	NO PEP	•	•	- 1	-1	•2		.:	- 1	.0	•	1-1	
	101 1	-2	.1	- 1	•2	.5	1.0	.,	. •	.0	-1	3.4	
	PCP	.2	. 2	. 1	-2	.9	2.2	1.5		.0	.1	4.0	
5410	NO PEP	. 2		. 3		1.2	3.2	2.9	.6	.:	.5	1.4	
	101 7	. •	.2	.5	.7	2.1	5.3	4.7	1.0	.0	. 6	15.4	
	PCP	. 3	- 1	. 1	. 3	.•	1.9	1.6	.6	æ.	.2	6.0	
10.	NO PCP	1.9	1.2	1.7	3.9	10.4	20.4	22.9	5.6	.0	5.2	73.5	
	101 2	2 • 1	1.5	1.9	4.3	11.3	22.3	24.5	4.2	.0	5.5	79.5	
	101 045												7500
	101 #61	2.7	1.9	2.5	5.2	14.1	29.0	35.4	7.6	.0	6.3	100.0	_

TABLE .

				PERCEN	FPEC	OF -1 ARYILG	AVFRE AV DIS	ECTION 5 OF 4:	VS WI	ND SPE	ED		
V531	SPD	×	46	£	32	5	54		NW	YAR	CALM	PCT	TOTAL CBS
	0-3	•0	•¢	.0	•	•	•	.0	.0	-0	•	-1	
<1/2	10	•	•0	•0	.0	-1	-1	- 1	-1	•0		. 3	
	11-21	.0	.0	-6	.0	•	•	.0	•	ء.		- 1	
	22+	•0	.0	.0	. •	-0	•0	•	-c	•0		•	
	TOT &	•	.3	-0	•	•1	-1	-1	.1	-0	•	.5	
	0-3	-5	-0	.c	.0	.0	•0	.6	-0	.0	•	•	
1/20		٠.	-3	•0	•0	•	•	•	•	-0		. 1	
	11-21	•0	.3	.0	•0	•3	-1	•	.0	.5		. 1	
	22.	.5	-0	-5	•	•	.0	•5	-0	.0		•	
	101 1	•0	•3	.0	•	•	•1	-1	•	•0	•	•\$	
	0-3	.c	•	-0	٠.	•	•	•	-0	.0	•	-1	
1<2	<b>~-10</b>	•	•	-1	-1	-1	-1	• 1	•3	•0			
	11-21	•	•	٠.	•	-1	- 1	• 1	•	•0		. •	
	22.	-0	-0	-0	•	•0	•	•	.5	-5		-1	
	101 1	•	• :	•1	-1	•2	- 3	• 2	•	.0	•	1-1	
	Q-3	.0	•	•	•		-1	•	•	-0	- 1	. •	
2<5	4-10	•1	•	-1	-1	. •		.7	-2	٠.		2.2	
	11-21	• 1	•	-1	+1	-1	. •	• •	•2	-0		1.3	
	22•	٠.	-0	-0	-c	•	. •	. 0	-0	•0		•	
	101 1	•2	-1	-2	-2	.5	1.1	1.0	••	•¢	-1	3.4	
	ú-5	•	•	-1	- 1	.2	- 3	-3	• 1	-0	-6	1.7	
5<10		-3	•2	-3	• •	1.3	3.2	2.7		.0		4.0	
	11-21	•	•	-1	.1	.5	1.7	1.6	- 3	-5		4.4	
	22*	•	•		•0	•		•	.0	-0		1	
	101 1	••	•\$	.5	7	2-1	5.2	4.6	1-0	.0	- 4	15.2	
	C-5	.7	.2	.5	.,	1.9	2.4	2.2	-7	-0	5.6	15.0	
10+	4-10	1.1	1.1	1.2	2.9	4-2	15.4	17.6	•-3	-0		52.1	
	11-21	•2	- 1	-2	-4	1-1	•••	4.7	1.1	•0		11.6	
	55.	-1	. •	•0	•5	•	•	- 1	. •	•0		2	
	101 7	2.0	1.•	1.4	4.2	11-2	22.2	24.5	6.1	.5	5.4	79.1	
	101 CBS	2.7	1.4	2.5	5.2	14.1	24.6	30.7	7.4	-0	<b>6.3</b>	100.6	7425

ALSUST

PERIOD:	(PPIHART)	1951-1979
	IANER-ALL I	1440-1670

TABLE 10

APEA DESS PURTA BURICA 7.65 83.0

PERCENT	FREGULICE	OF	CE	11.17	١.5	ME I CHI	S	(FEET.LH	24/61	ALS
	Acres			C.E	**	45/8	. T	. 0.12		

10-11 40-8	144			600 444							TOTAL	5m <4/6 457 +61	
00603		.•	5.1	15.2	17.7	6.5	2.5		.2	•2	44.6	\$:.1	1202
36684	1.6	1.1	3.9	17.5	23.6		1.4		- 3		54.5	41.7	1224
12615	2.1	1.1	4.7	14.5	19.0	6.3	2.5	.5	.2	-1	52.7	-2.1	1101
16621	1.5	.•	*.*	15.6	14.6	6.3	2.0	.6	.:	-1	51.2		1445
101		45	549	1547	1231	•21	154	*:	13	13	3304	3134	0524

TABLE 11

14ELE 17

		PE=CE>1	FREQUENC	T 45P4	(RR)	\$T HOUS		(0-5221					17'61 HO"S	
HOLR (G41)	<1/2	1/2(1	147	245	5<10	10+	TOTAL GBS	-36# 15-11	(150 (5010				AH (5/8 450 5-	7614L 285
COEOS	.5	-2	.•	2-3	12.E	43.3	1976	23723	.•	7.2	23.3	27.9	**.*	1443
66239	.3	•2	.•	3-4	17.3	77.5	1687	04634	1.7		25.7	3	44.2	1155
12415	.5	- 3	1-5	4.3	16.5	76.4	2500	12635	2 • 2	**5	26	27.4	45.7	1662
14621	.7	. 3	1.1	*.*	14.4	74.8	2444	1265:	1.5	7.2	24.1	24.3	47.7	1654
101 PC1	•3 •5		\$} 1•1	313	1247	6+74 79-1	e14* 160-0	101 PC1	*4		1592	1+15		637¢ 100-0

TABLE 13

\*\*\*\*\* 14

	PERC	(41 FP	ECUENC	T OF E	ELETIV	E MUMI	D[]4 }	T IERP	TOTAL	<b>PC1</b>		<b>&gt;</b> F=C	CAT FO	€ <b>0</b> ∪€ 1.0	T CF 4	150 01	PEC110	4 61 TI	[=>	
TEMP F	C-29	26-30	43-49	10-59	40-49	75-79	85-85	+0-100		FAES		<b>₹</b>		SE	\$	5=	•	**	410	CALF
10/11	.5	.0	-0	-1	1	. 1	•	•	21	. 3	.5		-0		•	-1	•2	•	.5	•
45/89	.0	.0	5				1.1	-2	33•	5.2	-1	.1	-1		.7	1-1	1.4	. 4	.2	-5
43/64	.0	.0	.0	•	5	14.3	31.4	4.3	3536	52.4	1.4		1.3	2.5	7.7	14.7	16.7	3.7	-5	3.*
15/79	.0	.0		•		1.6	19.2	19.5	2711		1.2		1.5	1.5	5.5	12-3	11	3.1		2-1
70/74	.:	.0		- 0	0			2.3	5.5	1.5	-1	.1	.1	.2	1			-1		
45/49	-0	-0	5	.0	0	-0			2	•	.ż		.0	- 2	3.	•	•			.ė
TOTAL	Ċ	0	5		7.6				6753	100.2										
PCT	•6	.6	r	- 1							2.4	1.7	2.6	4.5	14.0	29.4	30.7	7.3	٠.	4-5

TABLE 15

T/644 14

	MEARS,	Ezzacn:	ES 440	PEACEN	IILES	OF TC	** 106	6 F1 L	PUCH T		*[*[	ENT F4E	=====	01 <b>#</b> [L#	111E #	D:TY	81 #6U	•
40UR (CPT)	FAX	***	75%	501	52	12	~]=	REAM	TOTAL CDS	HCUF 12771	0-54	30-54	40-49	71-79	8C-84	•6-150	*(**	TETEL
20103	54	46		23	76	7.		45.5	2160	00103	.0	-1	- 6	75.4	\$4.6	20.0	85	1722
45345	42		\$2	7*	76	74	70	79.3	1904	86139	.5	.0		10.2	57.2	31.5	. 7	1415
12615	47		62	29	75	7.		79.1	2257	12415	-5	-1	-2	:0.4	15.4	:3.6	8.7	1788
15331	94	8.7	44	41	74	73	70	41.3	2724	14621	.2		3.4	72.3	41.4	21.6	8.3	1443
16:	74	87	45	80	74	7.		0C.D	9295	101	2		164	1325	35e*	1906	*5	6925

PEDICO: (PPIPADY) 1951-1479

1#9LE 17

ARER 7011 PLATS BULICA

on the feet of the constitution of the contract of the proposition of the contract of the contract of the feet of

FOR FREE OF ARE REPRESENTED THESE FOR AND THE CLEUPPENCE OF FCC TAITHOUT PRECIPITATIONS

WE ARRESTE REPRESENTED CONFIDENCE OF FCC TAITHOUT PRECIPITATIONS

12-584	65	69	73	77	61	15	. 5	>92	101		-6	
PP JIF		72	74	43	••	84	92			F 55	rcs	
11/13		.3				•	•	•	7	.5	-1	
*/10		.5		.0	.1	.:	-1	•	10	٠٤	. 2	
7/2	č	.5	•	•	.1	- 1	.2	.:	3*	.5	. 5	
~~	.č	ž	.0	•	•			••	24	٠.	.;	
Ì	::			- 1	-1	. 5	•	.0	- 6	.5	.7	
			•			.,	•		• 3	٠.:	1.3	
			٠.	.2			.1		117	.3	1.4	
			•	::	2.5			::	271	.0	3.8	
1	•		.:		3	.;		.5	303	•	4.2	
	.5	.5		2.2	7.2	:;	.ă		200	•	9.5	
64	٠.	.0	- 1			• •	:5	.5	799	.1	11.1	
-1	• 3	. 0	- 1	•••	4.4	. 3		:5	:111	•	14.5	
•	.=	.3	-2	4.	٠.٠	•	٠.		1643		15.3	
	.0		.5	10.2	4.5	- 1	٥.	.5	497		17.6	
	٠.	-9	.,	4.5	2.2	-1	.=	.0			4.:	
•5	.:	•	1.2	6.5	1	-:	.5	.:	451	.5		
• 6		. 3	1	2.6	. 3	.5	.0	.5	3.0	•	5.2	
-7/-2			2.2	2.6	• ;	٠:	٠.	٠.	361	.0	5.1	
-9/-12		-1		.5	.:	.0	.:	-0	115	.5	1 - 6	
-11/-13	.0	-1	-2	- 1	•	٠.	.0	.5	37	•	. •	
-1-/-16		•			.:	. 5	.3	.3	1	.=	•	
TETAL	- 1		550		2566		33			1.	7111	
	•	20	.,.	:591		351		•	7125			
201		.3	7.4		36.0		.5	- 1	105-0	-2	79.4	

PLPIOS: 10469-4LL1 1963-1976

				+C	f>{c 0	F -145	SPEED	14151	and diete	IIOF A	tesus s	( = £16	415 (FT)			
				*								*.1				
		4-10	11-21	27-33	34-47		PET		1-3	4-:2	11-21	22-33	31	*6*	PCT	
461 <1	:-3		3.	·		0	.7		-2	. 3	.c	-1	.0	-5	-5	
1-7	. 3		.;	.5			1.7		-1	. •	.5	-0	.3	.c	• •	
3-4		::	•	3.		.5			-6	-2	-1	.c	.c	•=	- 3	
5-6	.5	- 12	.1			.0	-1		.5	- 1	-1	.2	-5	٠.	-1	
7		3.	::	3.					.5	٠ù	.5		••	-0	.5	
2-4	::	::	::			.5			.0		-0	.5	-c	-5	•3	
10-11		::		.5	.0	. č					-0	ماه	.0	٠.	.0	
1:			::		.0	.3	ء.		-3			.5	.5	٠,	-3	
13-14	::	::	3.	3.	.c	٠.	. 5		.0		-0	.0	.=	÷.	٠.٤	
17-15			·ċ			-3	.s		.:		•=	.5	.3	-0	.c 2. 2.	
20-22	::				-=	.0	.5		.9	-3	٠,	٠.	.0	.6	•5	
23-25			.0	.č	.=		.s		2.	. 5	٠.	.5	• • •	٦.	•=	
34 - 32	ě			٠.	.=	.3	.0	!	.5	-3		.6		٠٤	٠.	
33-46						.:			.=	.:	• ?	٦.	.5	-5	•=	
41-46	::		• •		.5		.:	:	-6	٠.	.0	.5		۽.	-0	
44-65	::	.5	::	3.	.0	-5		:	.0	-:	-5	.0	٠.	-5		
61-75	.0						-5	:	-0	-0	.0	٠.	-6	٦.	-5	
71-66	.6	.5	٠.		.5	.3		:	.0	-5		.0	ء.	• •	-0	
#1-	.5		÷.		.c		-0	:	.5	- :	.:	.5	-5		1.8	
124 121		1.3		ء.	ء.	.3	2.4	,	•2	1.5	-1	-1	.t	-=	1.4	
		• • • •	-													
				€						4-10	11-21	22-33 56	147	46+	*61	
MET	1-3	4-15	11-21	22-33	34-47	• • •	P=1		1-3		.1-21	.c		· t	1.3	
<1	- 1	- 3	. 1	ء.	2.	-5			•	1-5	::	:5		3.	2.0	
1-2			-1	-0	.c	-8			•2		::	::	::	3.	1.2	
3-6	- 1	-5	• ?	.5	.0	-3	-1		.:	• • • • •	::	::	::	3.	• 3	
5-\$	-1	•	•:		-¢	-3	-1		.5	::	::	::			-1	
7	.5	.0	-0		.0	-9	-5	-	.0	::		3.	::	3.		
9-9	.2	.0	. 2	3.	٠.	٠.	• 5	•	.0	:-	:6			3.		
1C-11	:	.5	. 3		-0	٠.	:			::		.5			. 2	
12	.0	٦.	.0	.0	.5	-3	-	•		3:		::				
13-1-	٤.	٠.	.:	ء.	.9	-0	-:	2	.5	-5				3.		
17-19			٠.		٠.		• 5	-		::		3:	.5			
30-33	.0	.0	٠.		-0		•	2	.5					::	.5	
23-25	- 5	.3		.5	. 3	-=	-9	9		::	::		.5		.=	
24-32	.5	-5	.5	.=	.\$	٠.	•	-	::		::		::	::	-2	
33-45	.2	.6			.5	-9	-	-	.0	.5						
-14	.3	.5		.5	.9	-0		7	• • •	.0		.0		::	.0	
*****	.c	-0		٠	.0	.0	-	-	5.					3.	.3	
61-7C	.c	-0		j - 5	.3	-9	•	=	:3					::		
71-06		-0		-0	-5	-6	•	4		.3				3.	:	
.70		-5			.3			=	.:	3.3					•.,	
124 121	. 3	1.4		0	.5		. Z.	I		3.0	1 - 1		•••		• • •	

地方 金属をする のうこうできゅうし

HST	1 - 3	4-10	11-21	22-33	34-47	48.	PÇT	1-3	4-10	11-21	22-33	347	48*	PCT	PCI
<1	. 8	3.4	. 1	•0	•0	• 0	4.3	. 5	1.1	.0	•0	.0		1.7	
1-2	. 7	11.1	2.3	.0	•0	٠.	14.1	.2	2.0	. 6	•0	.0		3.4	
3-4	. 2	4.9	3.1	•0	•0	•6	8.2	•	1.1	.5	.0	.0	٠.	1.6	
5-6	.0	.9	1.9	•	- 1	.0	2.8	. າ	• 2	. 3	.0	.0	٠.	. 5	
7	•0	•	. 6	•	.0	.0	. 9	.0	.0	.0	• • •	٠.0		.c	
8-9	+0	.0	•	•0	•0	.0	•	.0	٠.	• 1	ن ،	٠.	٠.	. 1	
10-11	. 0	.0	.0	.0	• 0	.5	.0	.0	. 3	.0	. 0	.0	•C	.0	
12	+0	.0	. 1	•0	•0	.0	.1	.0	.0	9.	-0	.c	•6	.0	
13-10	.0	-0	• 0	.0	•0	.0	•0	.0	. 0	.0	•0	•0	٠.6	. 0	
17-19	.0	• 0	.0	.0	•0	.0	*C	.0	.0	.0	•0	.0	٠.	.0	
10-55	•0	.0	٠c	.0	•0	.0	.0	.0	٠.	.0	. tı	.0	•¢	•0	
23-25	•0	.0	.0	.0	•C	.0	•0	.0	• C	.0	-0	.0	٠.	.0	
26-32	.C	•0	•€	•0	•C	•0	.0	.0	. 0	.0	٠٠	•0	•0	.0	
33-40	.0	•0	• 0	.0	.0	.0	.0	•0	.0	• 0	• C	٠.	٠.	.0	
41-48	.0	.0	• 2	.c	•0	.0	•0	.0	. 3	•0	•0	.0	•6	.3	
49-60	•0	•0	• P	.0	.c	•0	•0	.0	. 0	.0	• 0	.0	.6	• 0	
61-70	.0	.0	.0	.0	40	•0	•0	.0		• 0	٠.	•0	.0	.0	
71-86	•0	.0	•6	.0	•0	•0	-0	.0	•0	.6	-0	•0	٦.	• •	
87+	•0	•0	•0	•0	-0	.0	-C	•0	٠٠	.0	-0	•0	•0	•0	
TOT PCT	1.,	20.3	6.2	• 1	• 1	.0	30	.*	5.6	1.4	-0	.0	٤.	7.2	92.7

WIND SPEED (KIS) VS SEA HEIGHT (FT) 4-10 11-21 22-33 34-47 HGT

C1
1-2
3-4
5-6
7
8-9
10-11
12
13-16
17-19
20-22
23-25
26-32
33-40
41-40
49-60
71-86 PCT 11.8 3.6 1.1 .0 .0 .0 .0 .0 .0 .0 .0 .0 10.6 33.7 15.4 3.2 .1 .0 .0 .0 .0 .0 .0 .3 6.0 8.1 8.3 1.5 2 .0 .0 .0 .0 .0 .0 .0 .0 

62.3 20.6

PERIOD: (OVER-ALL) 1949-1979 12 .2 .1 .0 .0 1-2 17.2 2.4 .8 .5 .0 .0 1.5 1280 22.4 3-4 17.1 9.1 3.5 1.2 .9 .0 2.1 1936 33.9 5-6 6.5 8.4 3.3 .9 .6 .5 .0 1211 21.2 8-9 1.0 .5 .2 .1 .1 5.6 .2 .1 .0 .0 .0 5.2 634 11.1 2787 1399 582 216 100 44 590 5718 100.0 1.7 2.8 1.7 .1 .2 .3 436 7.6 .1 .1 .1 .0 ... ..... 000000000 ......... 0000000000 ......... 0000000000 0000000000 000000000 0000000000 .00.00. .0.0.0

PEPIOD: (PRIMARY) 1951-1979 104ER-ALLI 1880-1979

TABLE 1

AREA COIL PUNTA BURICA 7.6N 83.0H

EPERNT	FREGUENCY	٥F	MEATHER	OCCURRENCE	ŔΥ	AIND	DIRECTION	

PRECIPITATION TYPE								OTHER SEATHER PHENOMENA							
WND DIR	RAIN	RAIN Shur	DRZL	FRZG PCPN	SNOW	OTHER FRZN PCPN	HAIL	PCPN AT 06 TIME	PCPN PAST HDJR	THOR LTMG	FOG WO PCPN	FUG WO PCPH PAST HP	HAZE	SPRAY BLMG GUST BLMG SNOW	
	11.5	6.3	3.5	.0	.0	.0	.0	21.1	10.8	4.9	0	.c	.0	.0	64.4
NE.	15.6	8.9	. 3	.0	.0	.0	.0	29.7	8.7	4.5		٥.	.0	1.0	62.0
	10.6	4.4	2.7	.0	.0	.0	.0	17.6	6.2	5.6	•0	.0	.0	.0	71.2
32	8.9	4.6	2.7	.0		.0	.0	16.4	6.9	4.7	• 1	•0	.0	. 1	73.3
Š	10.1	5.3	3.2	.0	.0	.0	.1	18.3	7.8	3.0				. 2	70.5
Šv	11.0	5.1	3.5	.0	.0	.0	.0	19.1	8.1	4.2	. 3	.c		.1	68.7
	8.4	6.3	2.4	. 3	.0	.0	٥.	17.0	8.5	4.0	. 4	.0		-1	70.6
NH	1.1	4.1	3.0	.0	.0	.0	.0	15.9	7.6	4.7	.2	.2		.1	72.2
ATS	.0	.0		.0	.0	.0	.0	• 0	•0	.0	.0	.0	.0	.0	.0
CALM	3.6	2.2	1.4	.0	•0	•0	. C	7.2	5.5	6.6	.0	.0	.6	.0	40.7
101 PC1 101 085:	9.5 7808	5.4	2.6	.0	•0	•0	•	17.4	8.0	4.2	.3	•	•1	•1	10.5

TABLE 2

#### PEFCENT FREQUENCY OF WEATHER OCCURRENCE BY HOUR

			,	PECIPI	14110	N TYPE					OTHER	WEATHER	PHENO	MENA	
HOUP (GHI)	RAIN	SHUR	ORŻL	FR2G PCPH	SHOW	OTHER FRZH PCPH	HAIL	PCPN AT OB TIME	PCPh PAST Hour	THOR LING	FOG WO PCPN	FOG VO PCPN PAST HP	SHOKE	SPRAY BLWG DUST BLWG ENOW	
00003 06009 12615 16621	6.6 7.9 10.8 10.3	5.2 4.4 7.1 4.8	2.2 3.8 3.5 2.1	.0 .0	.0 .0	 	.0 .0	15.6 15.9 21.2 16.9	6.5 7.9 10.1 7.5	4.2 9.4 4.0	.2 .1 .3	.0 .1 .0	.2 .1 .1	.3 .1 .1	73.5 67.7 65.5 74.3
101 PC1 101 065:	9.5 7967	5.4	2.8	•0	•0	•0	•	17.4	8.0	4.3	. 3	•	.1	.1	70.5

TABLE 3

#### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED A 3 BY HOUR

4ND D13	0-3			ED (KN) 22-13		***	TOTAL OBS	PCT FREQ	MEAN SPD	co	03	40	HOUR O9	(GMT)	15	18	21
N	.5	1.5	.3	•	.0	•0		2.3	6.9	. 6	2.2	2.6	.2	3.8	2.7	2.6	1.5
NE	• 2	. 8	.1		.0	•0		1.2	7.1		•0	1.5	.4	1.6	.7	1.0	. 7
	.5	1.7	. 3		•0	٠.	•	2.5	6.7	1.6	1.8	2.5		3.3	2.9	3.1	1.7
SE	.6	3.5	.6	•	•0	.0		4.7	7.2	5.1	3.9	4.9	2.6	3.4	3.5	5.5	3.8
Š	1.4	8.3	2.1	• 1	.0	.0		11.7	7.8	12.9	16.4	11.4	12.1	9.0	14.5	12.7	16.2
Šv	2.0	19.3	4.5		.0	.0		29.9	9.0	34.7	26.4	25.9	32.9	26.0	28.7	31.3	36.4
	2.3	21.9	10.6	. 2	•	.0		35.1	9.3	36.6	37.4	36.5	38.5	36.3	31.7	32.3	28.9
NW	. 6	5.1	1.6		.0	.0		7.4	8.4	4.2	7.0	7.4	7.6	11.1	11.3	6.4	6.1
VAR	.0				.0	.0		.0	.0	.0	.0	.0		0.		•0	.0
CALM	5.0	•••	• • •	,,,	•••	•••		5.0		3.6	4.9	6.9	5.3	5.1	3.9	4.4	4.5
240 TOE	1209	5712	2229	50		0	9201	2.0	8.2	2042	:85	1743	262	2033	205	2440	291
101 PCT	13.1	62.1	24.2	.5	:	•0	7201	100.0	***	100.0	100.0						

TABLE 3A

		W1 +D	SPEED	(KNOTS)						ноця	16#1	,
LND DIR	3-6	7-16	17-27	28-40	41+	TOTAL	PCT	HE?"	00	06	12	18
						280	FRED	SPD	03	09	15	21
N	1.3	1.0	•	•0	٠.		2.3	6.9		2.3	3.7	2.5
NE		.5		.0	•0		1.2	7.1		1.4	1.5	1.0
€	1.5	1.0	•	.0	٠Č		2.5	6.7	1.6	2.2	3.3	2.9
SE	2.6	2.0	.1		+0		4.7	7.2	5.0	4.6	3.4	5.3
\$	5.4	6.0	. 5	.0	•0		11,9	7.8	13.1	11.5	9.5	13.1
5 %	10.0	18.7	1.2	.0	.0		29.9	9.0	34.0	26.8	26.1	31.4
	11.1	22.3	1.6	•	• 0		35.1	9.3	36.6	36.8	35.4	31.9
45	2.5	4.4	. 3	•0	.0		7.4	1.1	4.5	7.5	11.1	6.8
VAR		•0	.0	•0	.0		.0	• 0		.0		
CALM	5.0	•••	•••		- •		5.0		3.7	6.7	5.0	4.7
TOT ORS	3693	5154	347	2	٥	9201		4.2	2227	2005	2238	2731
TOT PCT	40.1	56.0	3.4	.1			100.0			100.0		

SEPTEMBER

PERIOD: (PRIMARY) 1951-1079		AREA OCIL PL
(OYER-ALL) 1880-1979	TABLE 4	7.61
	PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GMT)	
ugus gann	WIND SPEED (KNOTS) PCT	TOTAL

		_								
					SPEED (				PCT	TOTAL
HOUR	CALH	1-3	4-10	11-21	55-22	34-47	48+	HEAN	FREQ	085
03603	3.7	7.3	62.2	26.3	.5	•	.0	4.6	100.0	2227
06409	6.7	6.5	62.6	23.7		.0	.0	8.1	100.0	2005
12415	5.0	8.5	62.2	23.5	.6	Ü		4.2	100.0	2238
18421	4.7	7.8	61.5	23.3	.7	.0	.0	8.1	100.0	2731
TOT	457	752	5712	2229	50	1	Q	4.2		9201
PCT	5.0	8.2	62.1	24.2	.5	ě	. 5		100.0	

	TABLE 5											14	18LE 6					
P	CI FRE			CLOUD A		EIGHTHS) HEAN		•					CEILIA NH (S/					
WHD DIR	0-5	3-4	5-7	8 E 085C0	TOTAL OBS	COVER	COD 149	15C 299	300 599	6L0	1000	2000 3499	35C0 4999	50LC 6499	6500 7999	*00C+	NH <5/8 Any hgt	TOTAL OBS
N	•1	.3	. 9	1.1		6.6	•1	.0	.2	.3	.6	•2	•	. 1	.0	.0	1.5	
NE		•2		.7		6.9	•	•	- 1	.2	. 3	.2	•	•	.0	.0	.5	
E	. 1	. 2		.9		6.5	3.	•	- 1	. 4	.5	. 1	• 1	• 1	•	.0	. 9	
SE	. 1	.5	٠.	1.5		6.5	•	•	. 3	1.2	.,	• 2	. 1	• €	•	. C	1.9	
Š	• 2	1.1	٠.	5.0		6 • 6	.2	. 1	.7	2.2	2.3	.7	. 3	. 1		- 1	5.0	
Š¥	. 5	2.4	14.2	13.0		6.7	. 5	. 3	2.0	5.5	6.4	2.0	.7		. 1	.2	12.4	
	1.6	3.3	16.4	14.7		6.6	.6	.5	2.1"	6.4	6.8	2.5	.7	. ?	• 2		15.5	
ÄV	.3	.7	3.7			6.5	.1	• 1	. 3	1.3	1.3	.5	• 2	• 1	•	.0	3.4	
VAR	.0	.0	.0			•0	•0	.0	.0		.0	.0	٠c	. 7	.0	•0	•0	
CALH		.9.	2.2			5.7	.1	•	.1	. 5	.7		•				2.9	
TOT OBS	166	610	2923		6282	6.6	95	64	366	1136	1247	425	136	47	22	17	2732	6282
101 000	***	1									10.0	4.0	2.2				41.5	100.0

TABLE 7
CUMULATIVE PCT FRED OF SIMULTANEOUS OCCURRENCE
OF CEILING MEIGHT (NM 24/8) AND YSSY (NM)

					VSBY (AM	13			
C	EILING	2 OR	I OR	= OR	= OR	= 08	= 08	= 09	= OR
(1	FEETI	>10	>5	>2	>1	>1/2	>1/4	>5040	>0
= QR	>6500	.4	.5	. 6	.6	. 6	•6		
= OR	>5000	1.0	1.2	1.2	1.2	1.2	1.2	1.3	1.3
= QR	>3500	2.6	3.2	3.3	3.3	3.3	3.3	3.4	3.4
= OR	>2000	7.9	7.4	9.9	10.0	10.0	10.0	16.6	10.0
= OR	>1000	23.4	28.3	29.6	29.6	29.9	29.9	30.0	30.0
= OR	>600	35.6	45.3	97.2	47.6	47.9	47.9	47.9	48.0
2 OR	>300	38.3	50.3	52.4	53.3	53.4	53.7	53.8	53.6
± 08	>150	38.7	51.1	53.7	54.3	54.6	54.7	59.8	54.8
= 0R		38.7	52.0	54.9	55.0	56.0	56.1	56.2	56.3
	TOTAL	2483	3317	3502	3546	3573	3581	3567	3589

TOTAL NUMBER OF OBS: 6378 PCT FREG NH (5/6: 43.

#### TABLE 7A

### PERCENTAGE FRED OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 0ECC 0ES .7 3.7 9.7 14.1 15.0 10.1 12.9 11.0 22.0 .9 6766

(FP	7 £ M	24	0

							SEP	7£#8f#						
PERIOD: (PRIMARY) 1' (OVER-ALL) 1'	951-1479 863-1979						TA	erE 6				APÉ	A CC11	PUNTA BURICA
		PE	RCENT					45 GCC6 4145 4/					E OF	
VSBY (54)			46	ŧ	SE	5	28		**	ATE	CALM	PCI	1011L 240	
	PCP	•	•	•	•	•0	. 1	•	•0	.0	•	.2		
<1/2	NO PCP	•0	•		•	•	•	•	.0	.0	.0	. 1		
	101 :	•	•	• 1	•	•	. 1	• 1	-0	-0	•	. 3		
	PCP	.0	.0	.0	.0		. 1	. 1	•	. 0	.0	. 3		
1/2<1	NO PCP	.5	.0	. 0			.1	•	•0	.0	٠c	.2		
	101 4	.0	.0	.0		• 1	.2	• 1	•	•0	•0	.5		
	PCP			٠		. 1	.:	. 3		.0	•0	. 4		
1<2	NC PCP	•	•	.0			.1	-1	•	.0	• 0	. 2		
	101	•	•	•	•	. 1	. 3	- 3	•	•0	•0	1.0		
	PCP	- 1	. 1	.1	. 1	. 3	. 8		.2	٠.		2.4		
2<5	NO PCP	. 1	•	• 1	•	. 1		.5	- 1	• C	•	1.3		
	tor i	.2	- 1	• ?	.2	.4	1.2	1.2	• 5	•0	- 1	3.7		
	PCP	. 3	.2	• 1	. 3	. 9	2.4	2.6	.6	.0	- 1	7.5		
5<13	NO PCP	. 5	. 1	. 3	. 6	1.3	3.4	3.5	. 7	.0	. 3	10.7		
	TOT L	. 5	. 3	.4	. 9	2.2	5.0	6.4	1.3	. n	.4	18.2		
	PCP	- 1		. 1	. 3	. 8	2.1	2.1	.4	.0	• 2	6.2		
10+	NO PEP	1.6	. 8	1.7	3.2	7.9	20.5	25.1	5.4	.0		70.2		
	101 1	1.7		1.8	3.5	6.7	22.6	27.2	5.5	٠.	4.2	76.3		

TOT OBS 7771 TOT PCT 2.4 1.3 2.5 4.6 11.6 30.2 35.4 7.4 .9 4.7 100.0

			•					ECTION S OF V			ED		
Y53Y (KA)	SPD KTS	N	NE	E	SE	s	S×	4	NW	VAR	CALM	PCI	TOTAL
	ú-3	•3		٠.5	.0	.0	•		• 0	.0	•	•	
(1/2	9-10		•		•		-1	.1	.0			• 2	
	11-21		•	.0	.0	•		•		.0		.1	
	224	• 0	•	.0	.0	•0		.0	.0	•0			
	101 1	•	•	.1	•	.1	.1	•1	•	.0	•	.4	
	6-3	•0		.0	.0	•0	.0	.0	.0	.0	٠.	.0	
1/2<1	4-10	-0	.0	•	•	. 1	. 1	• 1	•	.0		. 4	
	11-21	٠٥	.0	•0	.0		• 1	•1	•	•0		• 5	
	22.	•0	.0	•0	•0	•0		•	٠.	.0		•	
	101 1	•0	.0	•	•	-1	-2	• 2	• 1	•0	•0	.6	
	0-3	٠0	.0	.0	•	•	•	•	•	.0	.0	+1	
1<2	4-10	•	•	•	•	- 1	• 2	• 5	•	• • •		• 6	
	11-21	•	•	•	•	•	- 1	• 2	•0	•0		• •	
	22.	•0	.0	.0	.0	.0	.0	٠.	.0	.0	_	• 5	
	101 2	•	•	•	•	•2	• •	• •	•	.0	.0	1.1	
	U-3	•	. 3	•	.1.	. 1	•	•	•	.0	•	. 3	
245	4-1C	- 1	.1	. 1	- 1	. 3	. 9	. 7	• 2	•0		2 - 3	
	11-51	•	•	. 1	•	- 1	. 5		.1	٠.		1.5	
	22+	.0	.0	•	.0	•		. •	•	•0		• 1	
	101 2	•2	. 1	.2	• 5	•5	1.4	1.4	. 3	•0	•	4.2	
	0-3	- 1	•	. 1	-1	. 1	. 2	. 3	- 1	٠.	. 4	1.3	
5(17		- 3	. 2	. 3	• 6	1.4	3.1	3.3	. 4	.0		10.0	
	11-21	. 1	• 1	- 1	• 5	.6	2.3	2.5	. 3	•0		6.2	
	224	•	• 0	.0	.0			• 1	. :	٠.		2	
	101 1		. 3	. 4	. 9	2.1	5.7	6.1	1.2	•0	• •	17.8	
	0 - 3	. • •	• 2	4	. • \$	1.2	1.8	2.0	.6	•0	4.5	11.5	
10+	4-10	1.0	. 6	1.2	2.7	6.1	14.9	17.3	4 - 1	•0		47.9	
	11-21	• 2	•	.2	. 3	1.3	5.5	7.5	1.2	•0		10.2	
	101 F	.0 1.6	. 8	1.8	3.5	6.7	22.3	26.6	5.9	.0	4.5	15.9	
	101 GRS												6241
	TOT PCT	2.4	1.3	2.5	4.7	11.7	30.1	35.6	7.5	•0	4.9	100.0	0641

45	EH	 D

PERIOD: (PRIMARY) 1951-1976 (OVER-ALL) 1680-1979

TABLE 10

AREA OCII PUNTA BUFICA 7.6% 63.36

### PEPCENT FREQUENCY OF CEILING HEIGHTS (FEFT, AM >4/8) AND OCCURRENCE OF NH <5/0 by HOUR

OUP 000 150 300 600 1000 2600 3500 5600 6500 6000 1014L NH (5/4 NHT1 149 299 599 999 1999 3499 4999 6499 7999 1014L NH (5/4 ECOS 1:3 .6 5.0 18:2 20:3 7:0 2:0 .5 .4 .5 56:7 47:3

06609 1.9 .6 5.6 18.6 21.1 5.3 2.5 .2 .2 .3 56.5 43.5 1292
12615 1.5 1.8 6.4 16.1 16.0 6.7 1.4 .6 .1 .1 59.9 41.1 1675
18621 1.3 .7 5.3 16.0 19.0 7.0 2.6 1.0 .6 .3 53.6 44.2 1862
101 97 64 376 1152 1276 433 136 44 22 19 3621 2619 6544
PCT 1.5 1.6 5.7 17.6 19.5 0.6 2.1 .7 .3 .3 55.4 44.0 100.5

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY VSPY	(58) (	1 HOUR		CUPULAT					1887 (MM)	
HOUP (GMT)	<1/2	1/2(1	1<2	2<5	5<10	10•	TOTAL CES	HUUR (GMI)	K150 KSOYL		(100°		AH (5/E	TOTAL
00603	•2	. 3	.6	3.3	16.2	77.3	2650	00603	1.2	7.6	27.7	30.0	42.3	1669
90330	.4	. 3	1.1	4.0	18.4	75.8	1846	00609	2.1	4.9	36.3	24.1	*1.5	1259
12215	.5	.7	1.2	4.5	19.7	73.5	2084	12415	1.5	10.0	30.0	25.9	**.1	1631
18621	.5	.9	1.5	4.9	15.5	76.8	2427	18821	1.4	••6	26.1	29.1	44.7	1519
PCT	33	46 •0	94 1.1	354 4.2	1496	6596 75.9	6407 160.0	101 PC1	96 1.5	551 8.6	1609	1617 26.3	2762 43.3	6378 100.6

TABLE 13

1/8LE 14

	PERC	LNT FR	EQUENC	Y OF P	ELATIVI	HUM16	) 1 T T B	Y TEMP	TOTAL	PCT		PERC	LWT FF	EQUENC	T OF L	ING 01	Pt C T 10	N 67 11	Emb	
TEHP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	93-100		FREG	N	NE	£	SE	S	\$*	٠	No.	VAP	CALP
90/94	.0	•0	•0	.1	. 1	. 1	•	.0	16	.2		•	.0			•	- 1	. 1	.0	.5
85/89	.0	.0	.0		. 8	3.0		.3	335	4.0	-1	•	•2	. 3	.5	1.2	1.7		-0	.4
80/84	.0	•0	.0	.1	. 9	12.4	27.4	5.9	3251	46.7	. 9	.5	1.2	2.4	5.3	13.2	17.1	3.4	٠.	2.8
75/79	.0	.0	.0	.0	•	1.0	21.9	22.5	3245	46.6	1.4		1.1	1.4	5.4	15.2	16.9	3.2		1.5
70/74	.0	.0	.0	.0	.0	•0	- 1	1.6	117	1.7	• 1	- 1	• 1	.2	• 2	. 4	. 5	• 1	.0	-1
65/69	.0	.0	.7	.0	.0	• 0		.c	1	•	•0	•0	.0	•	.0	. 0	.0	.0	٠.	.0
TOTAL	0	Ó	Ó	•	127	1211	3486	2132	6565	100.0										
PCT	.0	.0	.0	•1	1.8	17.4	50.1	30.6			2.4	1.1	2.5	4.7	11.4	30-1	35.6	7.2	.0	4.6

TABLE 15

118LE 16

	HEARS,	EXTREM	ES AND	PERCL	TILES	OF TE	*P 10E	G F1 6	Y HOUR		PERC	ENT FRE	GULNCY	CF RELI	114E H	U=1011Y	BY HCUR	!
HOUR (GMT)	MAX	992	952	501	52	11	414	MEAN	TOTAL	HOUR (GP1)	0-29	39-59	60-69	70-79	e0-69	~v-100	MLIN	1014L 280
00103	89	86	83	60	76	73	6.8	79.6	2254	06403	.5	- 1	. 9	16.9	56.7	25.4	85	1785
06109	46	84	82	79	76	74	66	79.0	2041	95340	.0	.0		9.5	56.4	33.5	• 7	1538
12615	89	85	82	79	75	73	68	76.9	2272	12615	.0	• 1	. 7	10.L	50.1	39.1	87	1797
16621	95	89	86	81	75	74	69	41.0	2740	16121	• ?	• 2	4.5	*0.1	39.7	25.4	8.3	2008
101	95	67	84	80	75	73	46	79.7	9307	101	•	9	126	1221	3578	2182	8.6	7128

PEFICO: (PRIMARY) 1521-1976

146LL 17

AREA DD11 PUNTA BURICA 7.6% 83.0W

A CONTRACTOR OF THE PROPERTY O

PCT FREE OF	TIO	TEMPERATURE	IDEG	F>	AND	14/	CCCUPRENCE	OF	FCG	(.1THOUT	PRECIPITATION
		V4 41		10	4010	a 9 s. Ši	F DYCEL DELP		AFT. I		

		., .,	n-36									
AIR-SEA	65	69	7.5	77	41	25	69	22.	101		¥.C	
THP OIF	66	72	76	80	84	£ 6	92			FGG	F 0 G	
11/13	•0	.0				•	٠.	.5		.0	. 1	
9/10	• 5	-0	.6	•	•	. 1	. 1		19		. 3	
7/8	•0	.5	•0	. 1	•	•2	.1	•0	35	.0	.5	
6	.0	.0			-1	•2	.1	•0	35	.0		
5	.0	.0	.0	. 1	. 2	.5	.1	.0	SE	.c		
•	•0	.0	٠,٠		.5			. 3	93	.0	1.3	
3	•0	.0	, ,		.,		•	.0	153		1.7	
3 2	.0	•0		.5	2.3		•	ò	259	.0	3.6	
ĭ	•0	.0	. 1		2.9	.,	- 0		301	- 7	4.3	
ė	.5	.0	.;	3.	6.3	. ;		.5	726	.1	10.1	
-1	.3	.5	.;	5.6	5.1	.;	.0	č	798	:i	11.1	
-2			.;	10.4		.;		.0	1209	•	16.9	
-3	.0			10.	3.1	• • • • • • • • • • • • • • • • • • • •			998	:		
							-3				13.9	
	•0	٠.	1.5	9.6	2.1	•0	-0	٠0	941	•	13.1	
-5	•6	.0	1.5	6.3		•0	•0	٠0	612	٠.0	8.6	
-6	٠,	•	1.4	3.6	• 2	•0	• 3	•0	176	.3	5.3	
-7/-8	.0	•	2.5	2.8	• 1	• 0	-0	•0	391	.0	5.5	
-9/-10	.0	. 1	1.1	.5	• 1	• 3	•0	•0	178	•	1.4	
-11/-13	-0	. 1	. 3	.2	.0	-0	-0	٠.	36	.c	.\$	
-14/-16		.0	•	•	•0	-0	-0	.0	•	.0	- 2	
TOTAL	1		674		2190		30			55	7129	
		25		3907		333		1	7151			
PCT	•	. 2	9.4	54.6	30.€	4.7		•	100.0	- 3	49.7	

PERIOD: (DVER-ALL) 1963-1979

							NE		
- 33	34-47	46+	PCT	1-3	4-13	11-21	22-33	34-47	
٠.	.0	.0	. 6	.1		.0		.0	

				4							NE			
H31	1-3	4-10	11-21	22-33	34-47	48+	PCT	1-3	4-13	11-21	22-33	34-47	46+	PCT
<1	• 2	. 3	•	.0	.0	.0	.6	.1	. 5	.0	٥.	.0	.0	. 3
1-2	. 1		.1	.0	.0	.0	. 7	.1		•	•0	.0	.0	. 6
3-4	•	• 2	. 2	•0	.0	.0	. •	.0	-1	•	•	•0	.0	• 2
5-6	.0	•	•	.0	.0	.0	. 1	•0	•	.1	-0	•0	-0	- 1
7	.0	.0	.0	•0	.0	.0	.0	-0	.0	.3	. 3	.0	.0	.0
8-9	-0	٠.	٠,٥	٠.	۰٥	٠.٥	٠.	.0	.0	•0	-0	.0	.0	•0
10-11	- 0	• 0	.0	٠0	•0	.0	. 0	.0	• 0	.0	-0	•0	3.	•0
12	-0	.0	• 5	.0	•0	•0	•0	•0	٠,	•0	.0	٠.	•0	•0
13-16	٠¢	•0	•0	•0	•0	.0	•0	.0	-0	•0	.0	.0	٠.٢	•0
20-22	•0	•0	.0	•0	.c	.0	.0	.0	.0	.0	.0	•0	•0	-0
23-25	.0	.0	-5	•0	•0	•0	•0	•0	.0	.0	.0	•0	•0	•0
26-32	.0	0.	0.	.0	•0	.0	•0	•0	.0	•0	.0	-0	•0	•0
33-40	-0	.0		3.		.0	.0	•0	•0	•6	.0	•0	•0	•5
41-48	3.		•0		•0	.0	.0	•0	٥.	.0	.0	•0	•5	0
99-60	.6	:6	•0			:0	.0	-0	.0	.0	.0	.0		.0
61-70		:0			.0	.0	.0	-0		.0		.0		•0
71-86			.0	•0	.0	.5	•0	:0			.0	.0	2.	•0
67.	.0	::		•0	.5	:0		č		•0	.0			.0
TOT PCT	. 3	1.1	.3		.c	.0	1.8	.2				.0	3.	1.2
				ε							SE			
нет	1~3	4-10	11-21	25-33	34-47	46.	PCT	1-3	4-10	11-21	55-33	34-47	46:	PCT
<1	• 1	4.3	40	25-33	•0	.0	. 4	.1		•0	55-33	.0		. 7
(1 1-₹	•1	• 3	.0	*0 *0	.0	.0		.1	2.0	•0	.0 .0 55-73	.0	.0	2.3
1-5 (1	•1	.7	40	22-23 .0 .0	0.0	.0		:1	2.0	•0 •2 •2	*0 *0	.0	.0	2.3
(1 1-2 3-4 5-6	.1	•3	+1	22-13 .0 .0	0. 2. 0.	.00	.1	.1	2.0	•0 •2 •2	.0 .0 .0	.0	.0	2.3
1-5 (1	.1	•3 •7 • • · · ·	•1 •1	22-23 .0 .0	0. 2. 0.	.0	.4 .9 .1	.1	2.0	•0 •2 •2 •1	-0 -0 -0 -0	.0	.0	2.3
(1 1-2 3-4 5-6 7 8-9 10-11	.1	•3	+1	22-13 .0 .0	0. 2. 0.	.00	.1	.1	2.0	•0 •2 •2	.0 .0 .0	.0.0		2.3
(1 1-2 3-4 5-6 7 8-9	.0	•3 •7 • • • • • • • • • • • • • • • • • •	•0 •1	22-23 .0 .0	.0.00	90000	.4 .9 .1 .0	-1 -1 -0 -0	2.0	+0 +2 +2 +1 +	.0 .0 .0	.0		2.3
(1 1-2 3-4 5-6 7 A-9 10-11 12 13-16	.0 .0 .0 .0 .0 .0 .0 .0 .0	.3 .7 .3 .6 .0 .0	1. 0. 0. 0. 1.	22-23	.0	0000000	.4 .9 .1 .0 .0	-1 -1 -0 -0 -0	2.0	•0 •7 •2 •1 •	.0 .0 .0	.0	900000000	2.3
C1 1-2 3-4 5-6 7 8-9 10-11 12 13-36 17-19	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	.3 .7 .0 .0 .0	0.00.00.00.00.00.00.00.00.00.00.00.00.0	22-23	0.0000000000000000000000000000000000000	000000000000000000000000000000000000000	.4 .9 .1 .0 .0	.1 .1 .0 .0 .0 .0	2.0	.0 .7 .2 .1 .0	22-33 .0 .0 .0	.00		2.3
(1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 13-17 20-22		.3 .7 .0 .0 .0		22-23	000000000000000000000000000000000000000	000000000000000000000000000000000000000	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	-1 -1 -0 -0 -0 -0 -0	2.0	.G .2 .2 .1 .0 .0	.0	.0	9000000000	.0
C1 1-2 3-4 5-6 7 7 10-11 12 13-16 17-19 20-22 23-25		43 47 43 40 40 40 40 40 40 40 40 40 40 40 40 40		22-23	000000000000000000000000000000000000000	000000000000000000000000000000000000000		.0	2.3.10.00.00.00.00.00		55-33		99999999999	2.3
(1 1-2 3-6 7 7-9 10-11 13-16 17-19 20-22 23-25 26-32		.3 .7		22-13-00-00-00-00-00-00-00-00-00-00-00-00-00	000000000000000000000000000000000000000			.00	2.3.10.00.00.00.00.00	02.41	22-33		999999999999	73.62.00000000000000000000000000000000000
<1 1-2 3-6 5-6 7 8-9 10-11 12 13-16 17-19 20-72 23-75 26-72 33-40	.1.000000000000000000000000000000000000	43 47 40 40 40 40 40 40 40 40 40 40 40 40 40		22-23-00-00-00-00-00-00-00-00-00-00-00-00-00	000000000000000000000000000000000000000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		.00.00	20310000000000000	024446000000000000000000000000000000000	22-33		000000000000000000000000000000000000000	73.62.00000000000000000000000000000000000
<1 1-2 3-6 5-6 7 8-9 10-11 12 13-16 17-19 20-12 23-25 26-32 33-40 41-48		.3 .7 .0 .0 .0 .0 .0		22-23	000000000000000000000000000000000000000	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		.00	2.0	.00000000000000000000000000000000000000	22-13		999999999999999999999999999999999999999	73.62.000.000.000.000
<11-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 24-32 33-40 41-48 41-48		.3 .7 .0 .0 .0 .0 .0 .0 .0	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0	22-33	.00.00.00.00.00.00.00.00.00.00.00.00.00	000000000000000000000000000000000000000		.00	2.03	07711+000000000000000000000000000000000	23-33		999999999999999999	.00.00.00.00.00.00.00.00.00.00.00.00.00
(1 1-2 1-2 5-6 7 7-9 10-11 13-36 17-19 23-25 24-32 33-40 41-48 49-60 61-76		.3	**************************************	22-23	000000000000000000000000000000000000000			.1	203310000000000000000000000000000000000	.0	23-33			.7 2.3 .6 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0
<11-2 5-6 7-9 10-11 12-36 17-19 20-22 26-32 33-40 49-60 61-78-61		.3	**************************************	22-13	000000000000000000000000000000000000000			.0	2.33.10.00.00.00.00.00.00.00.00.00.00.00.00.	.00.00.00.00.00.00.00.00.00.00.00.00.00	22-13			.00.00.00.00.00.00.00.00.00.00.00.00.00
(1 1-2 1-2 5-6 7 7-9 10-11 13-36 17-19 23-25 24-32 33-40 41-48 49-60 61-76		.3	**************************************	22-23	000000000000000000000000000000000000000			.1	203310000000000000000000000000000000000	.0	23-33			.7 2.3 .6 .2 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0

								3EP11	CHRES							
PERIOD	: IOAE	R-ALL)	1963-1	979				TABLE 18	CONT	1			AREA	7.	PUNTA En 93	.0. BOKICE
				PC	1 FREG 0	F WIND	SPEED	INTS) AND	DIRE	CIION	VERSUS S	EA HEIG	HTS (FT	)		
				s								Sh		_		
461 <1	1-3	4-10	11-21	22- 3	34-47	48*	PCT		1-3	4-10		22-33	34-47	***	PCT	
1-2		3.5	.1	-0	.0	.c	1.7		٠.	3.2	.1 2.4	•0	.0	.с	13.3	
3-4	.6	2.4	1.1	.0	::	.0	3.5		. 8	5.5	4.5	.0	 2.	 J.	10.2	
5-6	.0	• . 3		•	.0	.0	3.6		.0	1.5	2.6			::	4.2	
7,*			.2		.c		.3		ä			':	.0	3.	1.3	
1-1		•0		.0						::		.0		.c	`;	
10-11	.0	•6	.5	.0	.0		.0		.0				.0		.0	
12	.0	. 5	•0	.0	.0	.0	.0		-0	.0		.0	.0		.0	
13-16	.0	.0	.0	.0	.0	.0	.0		.c	٠.		.c	.0			
17-19	.0	.3	.0	.0	.c	•0	.0		.0	٠.	.0	.0	.0	٠.	.9	
20-22	•0	•C	.0	-0	.0	•0	.0		.0	٠.		٠.	٠.	.0	.0	
23-25	.0	.0	.5	.0	.0	•0	-0		•0	.0		.0	٠.		.0	
26-32	.0	.0	•0	.0	.0	.0	.0		•0	.0		.0	•0	٠٤	٠٥	
33-40	.0	.0	.L	.0	•n	•0	٠.		.0	.0		.0	٠.	.0	• 3	
41-48	•0	•0	.0	.0	•0	.0	• 2		.0	٠.		.0	.0	٠.	.0	
49-60	-0	•0	• C	•0	•0	•0	•0		٠.0	.0		٠.	•0	٠.	.0	
61-70	٠٥.	•0	•5	•0	•0	•0	.0		٠ç	.0		.0	•0	٠.		
71-86 47*	.0	.0	• 5	•0	.0	•0	.0		2.	.0		.0	•0	٠.	.0	
TOT PCT	1.2	7.2	0	.0	.0	•0	10.7		1.9	20.2		.2	.0	3.	32.2	
101 761	1.2	,,,	5.2	••	••	••	10.7		***	20.2	***	••	••		22.42	
				¥								Nu				TOTAL
HGT	1-3	4-13	11-21	22-33	34-47	48+	PCT		1-3	4-15	11-21	22-33	34-47	45+	PCT	PCT
<1		3.4	- 1	.0	.0	.0	4.4		.2		1	.0	-0	3.	.9	
1-2	1.0	12.5	2.2	.0	.0	-0	15.7		•2	2.3		.0	.0	٥.	3.0	
3-4	•	6.2	5.4	-2	.0	.0	12.2		•	1.2		. 3	-0	٠.	2.1	
5-6	•	1.3	3.0	-1	.0	.5	4.5		.0	• •2		٠.	.0	.0	- 5	
7	.0	• 1	1.0	•	.0	٠.	1.2		-0	•		•0	.0	•6	-2	
4-4	.c	•	•	.0	•0	•0	-1		•0	.0		•0	•6	٠.	.0	
10-11	•0	- 10	•	•0	•0	•0	•		٠.٥	٠.		٠.	•0	٦.	•	
12	-6	.0	٠.	.0	•0	٠.0	.0		•0	٠.		.0	٠.	40	•3	
13-16	•0	•0	٠.	٠.	•0	•0	.0		.0	.:		•¢	•:	-0	.:	
17-16 20-22		.0	•6	•0	.0	٥.	o. 0.		.0		.0	.c	.0	.0	.0	
23-25	.0				.0	.0	.0		.0			3.	.0	.0	.0	
26-32	.0	•0	.0	.0	.0	.0	.0		.0			 3.	.5		.5	
33-4C	.0	•0	•0	3:	.0	.0	.0						.5			
41-48		.0		:č			.0					.0			.5	
49-60			•0		.č	.0	ž		.0			š.	.0	.č		
61-7D			.3	•0	.0	.0	.0		.č			٠.		3.	.5	
71-86	.5	.0	.0	3.	.5								.0		.0	
87.	.0	. 9	·č		.0		.0		.0			.0	.0	.0	.0	
101 001	2 0	21.4	12.2		- 0		14.1		- 4				. 0	. 0	4.7	96.0

March Company of the Assessment of the Company of t

	WIND	SPECO	(#T\$1	WS SEA	HEIGHT	(FT)		
HGT	2-3	4-10	11-21	22-33	34-47	46+	PCT	101
a	7.7	9.7		.0	.с		17.9	053
1-2	3.4	31.9	5.9		.0		41.2	
3-4		15.5			.0		28.6	
5-6		3.3	6.3		.c		10.0	
7	•0	.2	1.7		.c		2.2	
8-7		•	•	.0				
10-11	.0	.0		. c				
12		•0	٠.					
13-16		.0						
17-19	.č							
20-22	.0	•0						
23-25		.0	٠č					
26-32	.0	.0	.0				.0	
33-40	.0	.0	.0		.0			
91-98	.0							
49-60	.0							
61-70		۰۵						
71-86	.0	•0						
87+							.c	
• •	•••					• • •		2126
TOT PCT	11.7	60.8	24.9	.7	.0	.0	100.6	

PERIO	D: 191	ER-ALL	1 194	9-197	9				TABLE	19											
					PERCENT	FREC	-	FWA	VE HEI	GHT (F	11 VS	PAVE P	ERTOD	ISECON	05)						
PERIOD (SEC)	<1	1-2	3-4	5-6	7	4-7	10-11	12	13-16	17-19	20-22	23-25	26-32	33-40	41-46	49- 0	61-70	3-86	47+	TOTAL	REAN HGT
66	4.1	14.6	18.5	8-1	2.2		. 4	- 1	٠.	.0	-0	٠.		.0	٠.	.0	-5	-0	٠.	2693	3
6	- 2	2.4	7.8	8.2	3.3		.3		•	0	.0	-0	.0	.0		.5		-0	-0	1471	
8-9	•	.7	2.6	3.0	2.5	- 4	. 3	- 1	- 1	.0		.0	.0	.c	. 0	-0		••	.6	572	5
10-11	.0	.3	. 9	.7	.7	. 3	•	.5	٠.	•	.0	.0	٠.	-6		- 0		.0	•0	172	5
12-13	.0	.0		.3		. 1	-1	•		.0	.0	.0	.:	.0		.c	-0	•0	.0	86	5
>13	.0	.0	•0	.3	•2	- 1	•	- 1		.0	.0	.0	.0	.0	٠.	.c	.0		.0	42	7
INDET	3.4	1.4	2.3	1.2	.5	• 2	- 1		.0	.0		.3	.0	.0			5	٠.	.0	598	7
TOTAL	474	1231	2629	1259	566	150	69	10	8	1	1	-0	9	э	0	7		.0	.0	5784	•

TAGLE 1

AREA DUI) PUNTA BURICA 7.6% 83.6%

PERCENT FREGUENCY	OF	MEATHER	CÉCUAPENCE	91	- IAD	DIRECTION

				•	KACEN	I PALGE	SACA C	HIMIAIG 1	GEENWHERE	91 4	VO DIE	ECTION			
			•	RECIPI	CITAT	4 14PE					OTHER	" #LATHL"	PHEND	MENA	
eno dip	PAIA	PAI'. Smar	DRZL	FRZS ACPN	\$402	OTHER FRZA PCPA	.4AIL	PCPN AT DE TIME	PCPL PAST HOUR	THOR LTMS	FOG HO PCPN	FGG &C PCPN PAST HP	SMOKE HAZE	SPRAY BLIG JUST BLIG SNOW	
7.	14.3	5.4	2.2	.0	•0	.0	.0	21.5	12.1	3.1	2.2	.c	.0	.0	61.2
NE.	4.2	>.2	9.3	. 3	.0	.0	.0	21.6	7.7	3.4	- 5	. ċ	.0	•0	66.3
C	12.2	5.9	2.9	.5	.0	٠.	.0	21.0	6.5	1.4	•0	.c	.0	.0	71.1
3.6	15.5	2.9	4.5	.0	.0	.0	.0	17-1	E.3	2.4	•0	•C	.0	.0	72.6
5	11.3	0.2	4.0		.0	.0	.0	21.9	11-1	1.9	. 3	•0	- 1	.0	64.9
54	13.2	6.6	4.6	• ti	.0	.0		23.4	10.0	1.5	-1	.0	.1	• 1	64.4
	10.4	6.4	3.1			. 3	. 3	19.5	5.5	2.2	.2	.1	.2	- 1	69.5
5.4	10.4	4.5	3.7	.c	.0	.3	.0	16.3	9.2	3.2	.0	• 5	.0	.0	69.9
YAP	.0	.0	.0	. 3		.0	.0	.0	.0		.0	3.	.0		.0
CALP	2.5	2.4	. 9	.ŝ	.3	•0	.0	11-6	6.6	2.5	-0		.0		74.4
101 PC1	1:-4	4.1	3.9	.0	.0	•0	•	26.9	4.3	2.5	•2	•	- 1	-1	67.5

TABLE 2

DIECTAL	FEFORELCY	O.E.	UFRTHER	OFF. HORE & FE	 -0.00

			P	RECIPI	TATIO	L TYPE					01460	MEATHER	PHENO	MENA	
HOLQ [G=1]	PAIN	SHEM SHEM	CAZL	FRZG PCPN	SNO.	GIHER FRZN PCPh	HAIL	PCPH AT OB TIME	PIPE PAST HOUR	indr Ling	FOG MG PCPN	FOG 40 PCPM PAST HP		SPRAY BLUG DUST BLUG DNOW	
00103 06109 12615 16121	0.5 10.5 14.0 11.4	5.6 (.7 6.5 5.6	3.5	.0	.0 .0 .0	-0	.0 .1 .2	18.1 21.3 24.6 20.0	5.8 6.8 10.e 8.5	2.8 4.3 1.6	.2 .3 .1	.1 .0 .1	.1 .2 .7	.0 .1	69.9 65.6 63.2 70.8
TOT PCT	11.4	6.1	3.9	.0	.0	٠.	•	21.0	4.2	2.1	.2	•	. 1	.1	67.6

TABLE 3

#### PERCENTAGE FREQUENCY OF JIND DIRECTION BY SPEED AND BY HOUR

		-14	D SPE	ED 1440	151								HOUR	(GR1)			
ann DIP	0-3	4-19	11-21	22-33	34-47	45+	TOTAL	PCT	#E AN	68	03	26	09	12	15	14	21
							085	FRED	SPD								
	. 3	1.0	.2	.0	.0	.0		1.5	6.5	. 4	3.7	1.2	.,	2.2	2.5	1.7	1.5
۸E	.2	. •	.1		•	.0		1.2	6.7	.6	2.9	1.6	1.5	1.4	7.9	٠,	.7
(	. 3	1.1		•	• 3	.0		1.6	7.3	1.1	.0	2.4	2.5	2.1	1.9		
SE		1.9		•	• • •	•0		2.6	7.2	2.*	3.5	3.2	4.0	1.5	3.9	2.7	
\$	1.0	5.6	2.6	- 1	•0	.0		16.5	4.7	11.6	12.5	12.4	5.4	6.4	7.2	10.5	9.4
5.	1.6	16.8	13.1	. 4	.0	٠.		33.9	10.5	38.5	31.0	30.7	28.5	31.2	33.6	34.6	41.5
<b>L</b>	3.0	22.3	13.4	. 5	-9	-5		34.2	10-0	37.5	38.3	35.8	41.6	40.6	34.4	38,7	35.9
N-d	. 4	4.6	2.2	•	•0	•0		7.3	9-1	4.6	7.5	7.7	11.0	9.2	10.0	6.9	7.5
4 A P	.3	. 3	• • •	.0	.0	.0		.0	.0	.0	.0	-0	-0	•0	-0	.0	.0
CAL	3.0							3.0		2.2	- 8	4.4	4.7	3.0	3.6	2.8	2.7
101 005	AG3	4672	2783	6.5	1	•	5647		0.4	1925	130	1655	212	1959	197	23C4	243
TOT PCT	9.5	57.5	32.2	1.0	•	.3		100.0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0

-43 019	5-6		SPEEL 17-27	(KNC15) 28-40	•1•	TOTAL	PCT FREQ	HE AN	00	HOUA C0 C0	16#11 12 15	14 21
Α.	. 4	.7		-0	.:		1.5	6.9	.9	1.2	2.2	1.7
48	.6	. •		•	. 5		1.2	6.7		1.4	1.4	. 9
C	.9	. 7			. 3		1.6	7.3	1.0	2.4	2.0	1.3
SE	1.9	1.2	- 1	.3			2.6	7.2	3.0	3.3	2.0	2.5
5	•.0	5.0	. 6	•			10.5	4.7	11.6	12.6	6.3	10.2
5.	1	22.3	3.5	•	.5		33.9	10.3	34.5	30.5	31.5	33.3
¥	7.3	25.7	3.2	•	.2		34.2	10.6	37.6	26.5	.0.0	34.4
N.M		4.5					7.3	9.1	3.4	8.1	*.3	4.1
744		•3	• 2	٠.	.0		.5	3.	3.			3.
CALM	3.0						3.0	.č	₹.1	4.5	3.6	2.4
TOT DAS	2651	5316	671	9	0	4647		9.4	2055	1867	2156	2569
TOT PET	10.7	61.5	7.4		. 5		100-0			100.0		

CCIOREP

TABLE 5 TABLE 6

•	PC1 FREQ OF TOTAL CLOUD AMOUNT (EIGHIMS) BY WIND DIMECTION FORM												CEILIA AH 457					
END 012	0-2	3-4	5-7	3 £ 03200	*014L	COAE S CFOND	200 149	150 299	300 599	***	1000	2000 3499	3500 4559	235c	65EC 7449	*500*	NH 45/E ART HGT	
×		.1	.6	.7		6.6	-1	•	-1	.2	.3	. 1	•	•	.0	.0		
NE.	-1	.2	.5			5.0	-0	•	.1	• 1	. 2	- 1	-1		.5	.0	.7	
7			. 7			6.4	•	- 0	. 1	. 3		. 1	. 1	• 1	.5	٠.	.7	
šc	•1		1.4			5.4		•	. 1		.7	. 3	• 1		.0	.0	1.0	
(*)	- ::	1.0	4.1	5.1		6.7	. 3	-1	. 7	2.2	2.4	. 7	. 3	•	.:		3.6	
Ša		2.4	14.2	16.3		5.5	1.0		2.3.	7.5	5.0	2.4	.7		.2	. 1	11.t	
	1.1	•.0	18.3	15.4		6.6	1.0	. 5	2.1	7.4	7.5	2.9	1.0	. 3	.1	.1	15.5	
NW		1.0	3.3			5.0	• • • • • • • • • • • • • • • • • • • •	.1		1.3	1.3		• 2				3.4	
			.,,				•0				.0				.0	.0	c	
AVA	-0	•0,				5.9	.1	- ``	•1		.5		.1		.0		1.6	
CALM	. • 2	.6	1.3						356	1268	1232	428	153	3,	11	13	2377	6073
101 085	165	598	2693	2617	6073	4.6	161							-			39.1	100.0
TOT PCT	2.7	9.4	44.3	*3.1	100.0		2.7	1.5	5.9	19.9	50*3	7.5	2.5	.,	• 2	•2	34.1	100.0

TABLE 7

CUMULATIVE PCT FREG OF SIMULTANEOUS OCCURRENCE
OF CEILING HEIGHT (NM 20/8) AND VSRY (A\*)

					Y587 (AF	13			
C 5 1	ILING	: CR	= CR	± 08	: CR	= 04	2 08	2 09	# C4
	(1)	>10	>5	>2	>1	>1/2	>1/4	>5040	>5
: 04 :	0320	. 3	.4	-5	.5	.5	.5	-5	-5
: ch	3002		1.5	1-1	1.1	1.1	1.1	1.1	1-1
T CR		2.6	3.3	3.5	3.4	3.4	3.6	3.4	3.6
: 08		7.9	4.9	10.5	16.5	10.6	13.6	10.6	16.6
: CR		22.9	29.4	30.7	30.9	31.0	31.0	31.C	31.2
2 08		35.1	47.6	50.2	50.6	50.7	50.8	50.8	50.4
: 08		37.4	52.6	55.8	50.4	56.5	56.7	56.7	56.7
2 00		36.4	53.9	\$7.3	57.8	58.0	50.2	54.2	50.2
2 OR		39.0	\$5.4	59.6	40.3	40.5	60.7	40.4	•C.
	TETAL	2412	3925	3684	3728	3741	3752	3755	3755

TOTAL NUMBER OF COST 6179 PCT FREQ NM C5/61 39-2

TABLE 74

PERCENTAGE FREG OF LOW CLOUDS LEIGHTHS)

0 1 2 3 4 5 6 7 6 085CO 065 4 3-1 4-8 12-0 13-6 11-2 12-6 11-6 23-9 1-8 6545

ALL! I	495-1979						14	BL€ &				_	
		PI	ERCENT					WS OCC				CURRENC TY	E OF
4554 (MA)		4	46	£	SE	\$	28	٠	44	YAR	CALM	PCT	101/L
	FCP	. 7	.0		.0			.1	.1	.0	.0	.2	
(1/2	NO PEP	•	.0	•			- 1	•	ė.	.0		.2	
	137 1	•	.0	•	.0	-1	-1	. 1	-1	•0	.0		
	PCP	.0	•	•	.9	•	-1	-1	•	.5	.5	. 3	
1/2(1	NO PEP	.:	٠.٥	.0	٠٥.	•	•	•	.0	-0	.0	-1	
	TOT &	.0	•	•	-0	-1	- 1	-1	•	-7	•0	- 3	
	PCP	•	•	٠		-1	.4	-3	-1	•c	.0	.•	
1<2	NO PLP	•	.0	.5	•0	•	-1	-1	•	.0	•0	. 3	
	101 1	- 1	•	•	.0	•5	.5	.•	-1	•0	.0	1.2	
	PCP	- 1	•	. 1	-1	.4	1.3	1.2	. 3	.0	•	3.4	
245	NO PEP	•	•	.5	- 1	- 3		.6	. 1		•	1.4	
	TOT 1	- 3	•	- 1	•2	.7	1.9	1.0	. 4	.0	•	5.1	
	PCP	- 1	- 1	. 1	.2	1.0	4.1	3.4		.0	-1	7.4	
5<10	NO PCP	•2	.2	.2	. 3	1.4	4.7	4.5	.7	.0	-2	12.4	
	101 1	• 2	- 3	•3	.5	2.4	4.8	7.9	1.3	•0	. •	22.3	
	PCP	.1	-1	-1	-2	.7	2.2	2.4	-3	.0	•2	6.4	
10.	NO PCP	. *	.7	1.1	1.4	6.6		25.8	5.0	.0	2.2	64.3	
	101 1	1.5	. 8	1.2	2.0	7.3	22.3	28.2	5.3	.0	2.4	70.0	
	101 065												7472
	TOT PCT	1.5	1.2	1.6	2.7	10.7	33.7	33.6	7.1	.0	2.8	160.0	

148LE \*

PERCENT FREG OF WIND DIRECTION VS WIND SPEED WILM VARYING VALUES OF VISIGILITY													
4234 4234	5PD	*	×٤	£	SE	S	Sw	•	NH	718	CALM	PCT	TOTAL
	0-3		.3	-0	.0	.0		.0	.0	.0	-0	•	
<1/2	4-10	•	.0	•	.0	•	•	-1	-1	.0		.3	
	11-21	.0	.0	•	.0	•	•	•	•	.0		- 1	
	22.	-0	.0	-0	-0	.0	•	•	-0	.c		•	
	101 1	•	.0	•	.0	-1	- 1	-1	-1	.0	-6	.5	
	6-3	-0	.0	•	•	.c	•	•	ع.	.0	.0	•	
1/2<1	a-10	-0	•	.0	.0	•	•	-1	•	.0		•2	
	11-21	.3	•	•	٠.	•	- 1	•	•	-0		•2	
	22.	.0	.0	.0	.0	•	•	٠.5	.0	-0		•	
	101 2	.0	•	•	•	-1	-1	-1	•	-0	.5	••	
	ū-3	.0	.0	•0	.c	.0	•	•	.0	.0	•	-1	
1<2	4-10	•	•	•	-0	- 1	- 3	•2	-1	.0		. 4	
	11-21	•	.0	.0	.0	•	• 2	.2	•	•C		- 5	
	22.	.0	.3	-0	.0	•	•	ء.	.3	-0		•	
	101 2	٠	•	•	.0	-1	. 6	. •	- 1	.0	•	1.3	
	5-3	•	•	-0	•	•	•	•	•	٠.	.1	-2	
245	4-10	-1	•	•	-1	. •	. 9	1.0	•2	-0		2.7	
	11-21	•	•	•	•	.3	1 - 1	1.0	-2	-0		2.4	
	22.	-0	-6	.6	.0	-0	•	-1	.0	٠.		- 1	
	101 2	-1	•	- 1	.2	.7	2.0	2.0	••	•0	-1	5-6	
	ū-3	-1	-1	•	-1	-1	.2	.2	•	.0		1-1	
5<13	4-1C	-2	- 3	•2	. 3	1.6	4.0	3.9		.0		11.2	
	11-21	-1	•	•	-1	.7	• • •	3.5	.5	-0		*.3	
	55.	-0	-0	•	•	. •	. 1	-2	•	-0		. •	
	101 2	.3	.3	-3	.5	2.4	4.7	7.8	1.3	-0	••	55.0	
	u-3	-5	-1	-2	. 3	.,	1-2	1.7		-5	2.5	7.7	
13+	10	.7	- 6	• •	1.5	4.7	13.2	17.2	3.	٠٥.		42.1	
	11-51	- 3	•	•2	-2	1.4	7.4	8.8	1-5	-5		14.4	
	22.		•	-0	0	- •		•2	. •	.0			
	101 1	1.0		1.2	2.0	7.2	22.0	27.9	5.4	-6	2.5	76.2	
	101 365									_			7457
,	101 PCT	1.5	1-2	1.7	2.7	10.4	33-4	34.5	7-3	-0	2.9	100.0	

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PERIOD:	(PRIMARY)	1951-1979
	101ER-ALLI	1895-1979

TABLE 10

AREA COIL PUNTA BUNICA 7.6N 43.0H

PERCEN*		IFEET, NH 34/81 AND

HOUR (GMT)	000 149	150 299							65GC 7099		TOTAL	AH <5/8 ANY HGI	
C0103	2.0	1.6	5.4	18.5	20.7	7.2	2.4	.+	.5	.2	59.4	45.2	1541
0660*	3.6	.,	4.5	22.0	20.6	6.0	1.5	.•	•2	.2	4C.C	40.0	1237
12615	2.6	1.7	7.5	21.0	14.2	6.5	2.2	.7	•2	.2	60.4	35.2	1673
14621	2.3	1.4	5.2	17.1	20.5	7.4	2.9		.3	•2	57.6	42.4	1853
101 PC1	162 2.6					434		3e	14 • 3	13	3774 59.5		6344 138-6

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CT 4534	(%#)	94 HCUS		CCHULAT					1.61 HOUP	
40UR (5PI)	(1/2	1/241	145	2<5	5<10	10+	TOTAL CBS	HOUF (5#1)		<4CC	<1003 <5	1656-	NH (5/2 AND 5+	TOTAL OBS
00563	•5	+3	1.0	4.1	20.4	73.7	1910	00163	2.0	1.6	24.4	31.9	28.6	1545
06664	. s	+2	1.0	5-1	24.3	44.9	1713	96340	3.6	5	33.4	26.4	37-4	1196
12615	.4		1.4	4.5	22.0	41.4	2026	12615	2-6	12.2	35.4	26.9	37.6	1634
10621	٠.	-5	1.0	4.7	20.2	49.7	2372	16621	2.4	9.4	25.7	30.1	40.2	1802
TOT PCT	3 <b>9</b> •5		160 1-3	457	1754	5632 70.2	6023 100.0	101 PC1	162	432 15.2	1574	1615	2390 34.7	6179 100.0

TABLE 13 RELATIVE MUMIDITY PT 1 1/8LE 14

	PERC	CHT FR	COUENC	T OF #1	CLATIVE	C MUMI	0114 P	T TEMP	TOTAL	PCT		*[#6	LNI FR	COUCN	T OF 4	140 01	#£C110	5 T 1	[=>	
TEMP F	5-29	30-39	45-49	56-59	60-69	70-70	20-29	90-100		FREQ		N.E	£	SE	5	5 W	-	No.	***	CALR
90/94	.0	۰0	-0	-0	-1	•	•	.0	12	-2	-0	.0	.0			•	-1	•	.8	.0
85/89	.0	.0	.0	-1	.5	1.*	. •	-1	200	3.0	-1	•	•	•	.3	.7	1.3	.3		.1
80/84	-0	.0	. 3	•	.5	7.2	22.3	5.0	2474	36.9	. 5		-5	1.2	3.7	11.1	15.1	2.8		1.6
75/70	.0	.0	.0	.0	•2	2.7	25.0	29.1	3820	57.0	- 4			1.0	6.4	21.2	21.2	3.4	3.6	1.3
20/74	.0	.0	.0	.0	.0		.2	2.6	189	2.4	•1	• 1	-1		. 3	.,		. 3		•
45/49	.0	.0	.0	.0	.0	-1	.1	•	10	•1		ä.	-		•	•			ă.	.0
TOTAL			9	•	84	931	3230	2464	6725	103-0										
PET	-0	.0	.5	-1	1.3	13.9	48.5	34.7			1.5	1-1	1.5	2.5	10-7	33.+	38.5	7.2	.0	3.0

481 F 15

TABLE 16

HCUR	MAR	792	952	508	52	13	418	PE 44	TOTAL
(ENT)									280
COLOS	88		62	79	75	74	44	79.0	2069
CAEGY	87	4.3	82	78	75	73		78.3	1887
12615		83		78	75	73	46	78.3	2180
16221	43	44	16	40	75	23	44	45.4	2601
101	93	8.6	84	79	75	73	44	79.1	8737

PERIOD: (P. IMARY) 1951-1976

TABLE 17 APLA CO11 PUNTA BUPICA TABLE 17 7.6% 83.0%

The state of the s

PCT FRED OF AIR TEMPERATURE LOTS FY AND THE CECUPACHALE OF FOS (ATTHOUT PRECEPTIATION)

YS AIR-SEA TEMPERATURE DIFFERENCE LOTS FY

112-587			73							
	65	69			41	25	. 7	tot	•	F¢
THP DIF	68	72	74	93		48	92		FOC	FOG
14/10	٠.	.:	.0	.c			.0	1	·c	•
11/13	٠ũ	.0	•0	.0		.c	•	2	.0	
9/10		. 0	•¢		-1	. 1	• 1	22	•	. 3
7/6		.0	.0		41	.2	•1	36	.0	
ŧ	٠.	.0			. 1	.:	•	34	. 0	-5
5	.3	٠.					- 1	64	.5	
	.3	.0	•			. 5		96	.0	1.3
: :	.0	.0	•				.0	112	.0	1.6
2	.2	.0			2.1		.3	225	.c	3.3
ì	•	•	-:		2.4	. 3	•	304	.0	4.5
ě	- 1		.2		4.7	.2	-0	724	•	10.5
-1	•	-0		7.0	4.1		.5	866	-1	12.4
-2	•				3.7	•		1173	٠:	16.5
-3	.0	.0	1.5		1.7	.5		934		13.4
			2.1		1.1	.5		891		12.5
-5		ě				:5	.5	630	• •	8.4
-6		•••	2.1		.2	ž	.0	342	.0	5.5
-7/-5									•	
	-0		2.5		- 1	.0	٠.:	322		4.5
-9/-10	•0	• 2	• ?		•	٠.	-0	67	.c	1.3
-11/-13	•	- 1	. 3	•		- 2	٠.	5.6	.0	
TCTAL	31		954		1575		2.		12	€ 928
		21		4136		215		6996		
PCT			11.0	60.3	77.7	2.2	. •	100.0	. 7	66.4

PEPIOD: (DVER-ALL) 1953-1979

TAPLE 14

PCT FPEC OF SING SPEED (KIS) AND DIRECTION VEPSUS SEA HEIGHTS (FT)

				¥							N.E.			
H51	1-3	4-10	11-21	22-33	34-47	44.	PCI	1-3	4-10	11-21	22-33	34-47	16.	PCT
<1	• 3	+2	٠.	.5	.0	.0	. 4	.1		. 5	.6	-0	.0	. •
1-5	•	.5	•	٦.	-0	.0	٠,5٠	-1		٠.	.0	.6	. E	.5
5	-1	-1	.2	٦.	-0	-0	.5	•	•	•	٠.	-0	ع.	. 1
5-6	.0	-1	-1	.6	.0	-0	•2	٩.	٠.	•C	.0	-0	.5	•5
7	.0	.0	.0	.0	.0	.с	٦.	٦.	.:	.0	.0	.0	.c	•3
6-4	.3	.c	.0	.0	.0	-0	••	.0	.5	-0	.5	٠.	٠٤	.5
19-11	• 7	.0	.6	.c	.3	.c	.0	.0	.0	.0	.0	.0	٠.	.0
12	-c	.6	.0	.0	.0	.0	.3	.r	.0	.c	.0	-0	٠.	. 3
13-10	.0	.0	•	.с	.0	.ç	.0	.0		٠.		.:	.0	.0
17-19	.c	.0	٠.	.c	.0	.0	.0		.c	-0	.0	-0	٠.	.0
20-22	٠.:		.0	.0	.t	.0	.5	.0	.0	.0	.0	٠.	-0	•0
23-25	.0	.6	2.	.0	.0	.0	.c	٠.		.0	.0	.0	-0	.3
24-32	-0	.5	.5	.0	.5	.L	.c	.0		.0	.0	.0	.0	
33-40	.0	.0	• €	.0	.0	.0	٠.	.0	-0	.0	.0	-0	-6	.¢
43-48	.0	٠.	.5	-0	ء.	.5	-6	10	.5	.0	.0	-0	Ĵ.	-0
46-40	.0	٦.	.2	.0	.0	-0	-0	.0	.c	. 7	.0	-5	٠.	٠.
61-7C	-0	-2	.0	٠.	۵.	•6	. 5	.a		.c	.0	.0	.0	.3
71-60	-2	٠.	.0	٠.	.0	-0	.2	.0	.0	٠.	.0	.0	.0	•0
674	-2	٠.		-c		-0	٥.	•0	٠.	.0	٠.	-0	-0	.0
161 PC1	. •	. 4		.0	2.	٠.	1.6	.2		•	٠.	•0	.0	1.0
<b>#</b> 51	1-3	**10	11-21	£ 55-33	34-47	41.	PCT	1-3	4-10	11-21	5E 22-33	30-97		PCT
<1	• •			3.		.0			2		3.	.0	-0	-3
1-2		- 3			.0	-0	:;				3.	.5		.;
3-4	.0	.;	•	.0			- ::	:		.1	.3	::		
5-6	.5	.0	• 1	•5							.5	.5		
7					-c			• 6				.5		•
8-9		.0	. 5	•0	•0		.5	•6	.0		.0			•
10-11	.0	-0	.0	.5	•0	.0	.0	, š	.0			.0		.0
12			.0		.0	•0	. 5	•0		.0	• 0	• 5	.5	. 5
13-16	-6	.c	.5	.0	•0		• • •	•0	.5	.0	.0	• •	3.	
17-16	-5	-0	.0	-0	.0	-0	.0	.0		- è	.0	.0	-6	.5
20-22	-0	.0	-0	•0	.0	-0	•0	.0	.3	•0		٠.۵	.0	•0
23-25	٠.5	.0	.0	.0	-0	-0	.0	•ē		•0	40	-0	.5	٠č
26-32	.0	45	.0		-0	-0	.0	.0	.5	-3	.0	-0	٠.٤	٠.5
33-46		•=	.0	٠.		.0	٠.	.5	.0	-0	٠.	•0	.5	•0
-16	3,		.0	.0			٠,0	.0	.5	.0	-0	.c	.0	.0
****5	.0	.0	.0	.0		. 0	.0	.9	.0	.0	٠.6	-0	.0	.:
41-73	-9	-3	-¢	.0	.c		.0	-0	.3	.0		.0	٥.	.5
71-56		-3	.0	.0	.5	.0	.3	.0	.0	-0	-5	.0	-6	.0
87-	.0	-0	-0	.0		.2	.0	.c		.0	.0	.0	.5	.0
161 961	-1	• 7	.;	.5	-0	-0	1.0	.1	1.1	. 3	-0	.5	3.	1.5

								CCICFFS							
PERICE:	COAE	-166)	1943-1	979				TAPLE 1. ICONT	,			446 4	£*11	FUNIL (	
						_								• • • •	
				*0	1 FRCC 0	F	SPEED	ERIST AND DIPE	CIION N	EPSUS S	ER HEIG	m15 (F1)			
HST	1-3	4-10	11-21	S 22-33	34-47	48*	FCT	1-3	4-10	11-21	5. 22-33	34-47	***	P2 3	
(1		1.0					1.5	1-3	1.5	21	12-33	.0		2.4	
1-2		3.2	.7				4.0	.;	10.1	2.3	::	.0	::	13.1	
3-4		1.6	1.0			.5	2.7		1.4	5.6		.5	::	11.6	
5-6	.0	.,		.0		.5	1.6	•	1.2		.1	. 2	.6	5.0	
7	.0	•	- 2		. 5	.ë	- 3	.0		1.1	.2	.0	.5		
4-9	.0	.c	•	.0	• •	٠.	•	.0		•		.0	3.	. 1	
10-11	.с	.0	•0	.0	•2		.5	.5	• 5	.:	-1	.0	٠.	. 1	
12	.0	.0	.0	.c	.0	.0	.0	.3	-0	- 1			. 5	.1	
13-16	.0	.5	٠.:	.c	.6	.c	.0	.0		.5	.6	.0		•	
17-19	-0	.0	•0	-c	-0	.0	.0	.0		.0	.6	.:	٠.	.0	
20-22	-0	٠.	•5	.0	.c	.5	• 5	.0	.:	-0	.0	.3	٠.	-0	
23-25	.0	.0	•¢	•0	-6	٠.	.0	.:	- 5	.0	.:	.0	٠.	٠,٠	
26-32	.9	.5	.0	٠.	.0		.5	-0	• •		.c	٠.	٠.	ء.	
33-40	٠.	.0	•6	٥.	.0	.0	• C	-0	.5	.0	٠.	•5		.0	
41-45	٠.		.5	٠,٥	.5	.5	.9		٦.	- 2	٥.	.0	.L	٠ċ	
41-75	•0	٥.	3.	.c	.0	.0	9.		• •	.:	.t	٠,	٠٤	• • •	
71-44	.0		.5	.c 3.	.0	 :-			•5	2.		:5	3. 0.	.0	
47+		ن.			.0	::	.0		.:			::	3.		
101 PCT	.,	4.6	2.6	.1	::		18.2	1.3	19.1	13.4	.;		:5	34.3	
	••	•.•	•••	••	••	•••	10	***	47.1	13,4	• • • • • • • • • • • • • • • • • • • •		• •	,	
											**				191st
MGT	1-2	4-10	11-21	22-23	34-47	46.	PSI		4-16	11-21	22-53	34-47	×6-	P(7	PET
<b>(1</b>		3.4	• 7	.0		.0	4.2		. 4	-1	.0	٠.	٠.	1.2	
1-2	.5	11.4	2.5	•0	•9	-0	15.3		1.0	. 7		٠,	٠٤	2.7	
3	- 1	6.7	5.7	•	-0	.0	12.4	-5	1.5	1.4	.5	.0	٠.	2.5	
5-6	- 3	1.2	2.9	:	•0	-0	5-3		• 7	.•	.3	ء.	٦.	1.1	
7	.0	• 2	• •	.2	-0	-C	1-3		• 2	•	•	•=	٠.	-1	
15-11	3.	::	.:	-1	.0	.¢		.0	.6	.c	.0	.0	٠.	.o .s	
12	.5		**	٠.	.0	.5			 3.	::	-5		. č		
13-16				::	3.	.5	<b>'</b> :				::	.5	::		
17-16		::	-0	3.	.5	.5	.0		.5	ić.		::	::	.ö	
20-22	.5	.3	.0	3.	.e					.0	3.	.5			
23-25					.č		.6			.0		::	٠.		
24-32				3.	.3	:5	.5			۶.			3.5		
33-42						.5								.5	
91-94		.3	.0			.5			.5		.5	.š			
49-40	.c	.5	.0	.5	.0	.5	.5							.č	
41-72	-0					3.							3.	.0	
71-86	-0	.0	3.	.5	-0	.c	.0		.3	.0	-\$	.5	٠.	.:	
87-	.5	.0	.0	.0	. :	.e	٠.				-0	-0	. L	.:	
TOT PCT	1.4	23.6	14.1		.c	-9	39.5	3	*	2.1	•	.0	٠.	6.0	47.2

The state of the s

and the second of the second o

	*1*6	20220	IRTSI	42 SE4	HE; 241	4677		
HET	2-3	9-10	11-21	22-33	34-47	•••	<b>*</b> C:	101
<1	5	7.4	.5	- 2	.6	.5	14.2	
1-2	1.4	24.8	6.9	.5	.0		37.5	
3-4	-5	16.2	13.0		.0		30.4	
5-6	•1	3.5	7.5				13.6	
7	.0		2.2				2.1	
4-9		-0			-¢			
10-11	.0	.0		.1				
12	.0	-0					.1	
13-16	.5	-0		.0	.0	.0	•	
17-19		.5	.0				.0	
20-22			.0				3.	
23-25	-5						.0	
26-32	• C	-0	.0				.0	
33-42	-6	.0	.5					
41-48		-0						
99-42		.0	.5					
51-70	.5	.0						
71-46	.0	.0	.c					
47.	.0	.3	3.				٠.	
		••		• •	•••			2146
101 PC1	4.2	57.0	33.4	1.0	-5	.0	100.0	

P[P10		{R-1LL	. 144	9-1474	•				3381	1*											
					<b>2686F#</b>	1 F0E	00[467 0	-	E ME 15	HT 167	7 VS 4		200	13860%	*25						
PERICO	(1	1-2	3-4	5-6	7	4-1	10-11	12	13-16	17-14	20-22	23-25	26-32	33-46	*1-*e	-4-40	61-70	71-96	47.	TOTAL	P[14 H5T
46	3.4	:	26.1	9.3	3.3	- •	- 3	- 1				.0	.=	.0		.0	-0	٠.	.0	2869	3
6-7	-1	1.4	9.1	10.5	3.7	1-2	.3	-1	• 1	.5	.0	•	.0	.0	.:	٠.	.0		٠.	1469	5
	•	.7	2-1	2.4	2.0	.,	- 2	.2	. 1	-5			.0	.0		.c		د.	- 0	501	5
10-11	-0	.5		1.0		.2	•1			-0	.5	.6		.0	.,	-0	٠.		٠.	172	Š
12-13	.0	.0	- 5		. 3	-1	• 0						3.	.5		-0	-0	. :	.0	72	\$
212	.0				.2	- 1	.1		٦.	.5		.0	.0		٠.٤	.0	.0		٠.۵		7
INDET	2.7	1.5	1.4	1.2		- 1	-0		.:	.1	٠.		. 5	. 5	3.		-6	٠.	.0	420	2
PCT	356	1051	1907	1405 25+3	581	173 3-1	53 3.0	.3	.1	.;	. 1	2	.5		.:	.0		.3	3.	3561 100.0	•

Iself I

ARER OCHE PUNTA SURICA 7.6% #3.C#

PERCENT FREQUENCY OF MEATHER OCCURRENCE BY WIND DIRECT	ERCENT	-	* EATHER	BOCURPENCE		wind DIRECTIO	4
--	--------	---	----------	------------	--	---------------	---

			,	2[[]	14110	L TYPE					3470	METHER	PHERC	MEMA	
44C 01P	asik	SH4R	pell	F42G PCP4	540+	GIMEN FRZU PCPN	MAIL	PEPR AT ON TIME	PCPN PAST HOUP	1#D2 L 145	F36 20 PEP4	FOS WO PCP4 PAST HY	SPOKE MAZE	SPDAY BLUS SUST BLUS SUGU	
		4.7	3.0	.:	.0	.3	٤.	15.5	7.5	-5	.5	.5			76.7
ů.	14.2	3.3	4.0	.5	.3		.0	24.3	3.5	1-5	1.1	3.	2-1	.0	67.0
		1.9	5.1		.5	.5		14.6	5.2	1.9	.0	.0	1.9	.0	74.5
€_				.5			3.2	16.1	1.1	• 1	.0	.t	- 1	-1	14.1
5€	15.0	4.5	1.0					10.1	4.3	2-0	.1	.6		- 3	72.5
\$	4.5	3.0	3.0	٠.	.0		- 2			1-1	.;		-1	43	47.2
5₩	11.3	1	•.2	.3	.3		.c	21.2	5.4		.;	::	.;	.6	70.2
		4-6	2.4	.0			.0	15.5	7.4	3.0			• • • • • • • • • • • • • • • • • • • •		75.1
**		4.5	1.4	-0			٤.	13.4	4.2	1-4	-2	٠.			
749			٠.٥	.0	.0			.3	.:	-0	.¢	.5	٠.5		
CALM	2.5	1.7	-3	.5	.0		٤.	4.1	6.7	2	.0	.c	-0	-0	es
TOT PC1	V.2	٠.٠	2-1	د.	.0		٠.	16-9	9.1	3-4	.2	٤.	.:	••	72.7

TABLE 2

#### SERVERS SECURECA OF PETIMES OCCUSSEDED BA MOUR

				PEC1+1	14110	TIPE					C1+E3	PERTHER	PHEND	re ma	
H2U4 1577)	##In	FLIT	cair	FRZS PCPN	540.	CTHER FAIL PEPA	~sil	*CP% AT SE TIME	PCPS PAST HOUR	THOS LING		FOG MC PCPN PAST HP	MAZE	BEAR CARL BEAR CARL	
cotos 26107 12115 14621	6.9 6.2 11.5 9.3	5.2 6.4	3-0 3-3 3-2 2-8	.0.	.000	.5		19-0 17-5 20-7 16-2	7.4 6.1 13.6 6.6	3.3 3.4 .9	.2 .3 .1	.c .c .c	.2 -1 -0	::	75.1 70.3 67.9 76.3
101 PET	\$.2 7111	5.0	3.0	-0	-0	.3	.0	17.3	*-1	1.6	.3	.5	-2	•:	72.7

TABLE 1

### PERCENTIGE FREQUENCY OF WILD DIRECTION BY SPEED AND BY HOUR

=40 014	5-3	10	0 SPEEC 11-21 Z	(4%01  Z-33	5   4-47	***	101#L	PET FACQ	-{4% 5PD	c3	23	ce	#36# 64	12	:5	18	\$1
A AE SE SE SE SE SE SE SE SE SE S	.5 .3 .5 .6 1.6 2.3 2.7 .0 5.9 1061	1.4 1.5 2.3 7.0 10.5 20.1 5.5 .0	.3 .1 .2 2.1 4.4 1.5 .0 1.5 .0				4174	2.2 1.5 2.2 10.6 31.0 16.6 1.6 5.0	6.4 6.3 6.2 6.5 8.0 7.3 7.3 7.3	1.0 .e 1.6 2.4 10.8 35.5 31.8 5.3 .9 1843	1.6 .2 1.8 9.7 16.6 35.2 35.2 3.1 .0	2.3 2.5 3.1 3.0 12.1 28.8 52.0 7.5 1520	1.7 3.7 2.5 3.5 13.5 17.0 20.0 0.0 0.0	3.5 1.7 1.6 3.5 7.2 28.2 38.3 5.8 5.0 1765 100.0	*.5 3.3 1**	29.6 38.4 6.0 .0 5.0 2225	7.9 1.3 1.8 7.5 12.0 37.5 22.0 0.5 .0 254

TARLE 34

-13 57-	e-•			28-43 28-43	41-	TOTAL CSS	P21 FBE0	*{#£	C3	MS04 54 39	16-11 12 15	1 10 21
y \$2	1.0	. a . s	:	-6 -8	-0		2.2 1.5	6.4	1.0	2-2	3.7	2.0
î.	1.4		•	-0			2-2	6-2	1-6	3-1	3.6	2.2
Se S	2.0	1-1		- 0	::		3-2	8.5	2.4 11.2	3.4	2.3	
16	1.1	20.0	1.4		. 3		31.3	*.3	25-5		20-4	30.4
-	11-1	53-5	2-1	-:	 c.		36.4	4.2 4.1	38.0	32.4	37.2	
r. Tes	3-3	••3	•7		.5		.5	.5	٠.,	-0	-8	-6
EAL#	5.0						5.0	 *.1	3.6 1956		1438	
TOT OFS	3125	4626	359		<u>۽</u>	8176	IDO-F	3				100-0

NOVEMBER

PERIOD: (PRIMARY) 1951-1979

PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GHT)

WIND SPEED (RNDIS) PET TOTAL

HOUR CALM 1-3 4-10 11-21 22-33 34-41 48- MEAN FREC 085

OCIO 3 3.6 6.4 6-1 25.5 .7 .0 .0 C 7.7 100.0 1456

GEORGY 7.2 8-2 62.8 21.0 .7 .0 .0 7.9 100.0 1753

12615 4.9 9.2 60.9 24.3 .6 .1 0 6.3 100.0 1758

14621 4.8 9.0 61.5 22.3 5 .1 0 6.3 100.0 2479

101 407 672 5059 1933 50 3 0 8.3 6126

TABLE 5

PCT FREQ OF TOTAL CLOUD AMOUNT (EIGHTHS)

NAME OF THE PROPERTY OF COLUMN OF THE PROPERTY OF CELLING HEIGHTS (FT.NH >4/8)

NAME OF THE PROPERTY OF THE PROPERTY OF CELLING HEIGHTS (FT.NH >4/8)

NAME OF THE PROPERTY OF THE PROPERTY

TABLE 7
CUMULATIVE PCT FREO OF SIMULTANEOUS OCCURRENCE
OF CETLING HEIGHT (MM 24/8) AND YSBY (MM)

		VSSY (NH						
CEILING	= OR	- OR	= CR	= OR	= OR	= 08	= 08	= OR
(FEET)	>10	>5	>5	>1	>1/2	>1/4	>5040	>0
= OR >6500	.3	.3	• 3	.3	. 3	.3	•3	. 3
= OR >500C		.,	1.0	1.0	1.0	1.0	1.0	1.0
= OR >3500	2.4	2.7	2.9	2.9	2.1	2.9	2.9	2.9
= OR >2C00	7.6	9.2	7.6	9.6	9.7	9.7	9.7	9.7
2 02 >1500	21.6	26.9	27.8	28.0	28.1	28.1	28.1	28.1
= OR >600	32.6	42.5	44.4	44.7	44.8	44.9	44.9	44.9
= OR >300	35.1	46.6	49.2	49.4	49.7	49.8	49.9	49.9
= OR >150	35.6	47.3	50.1	50.6	50.7	50.6	50.9	50.9
= OR > O	35.9	48.1	51.2	51.9	52.1	52.2	52.3	52.3
TOTAL	2060	2760	2940	2979	2990	2999	3004	3604

TOTAL NUMBER OF 085: 5742 PCT FREQ NH 45/8:

TABLE TA
PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 085CD 085

HOVEHBEP

PEP100:	(PRIMARY) 1: (OVER-ALL) 1:							TA	•				APL	A 0011	PUNTA 7.6%	A BURICA 53.68
			PE	RCENT					ring v				URRENC IY	E OF		
	V38Y			ME	£	SE	S	5 ¥	¥	**	VAR	CALM	PCT	1011L 085		
	<1/2	PCP NO PCP TOT 3	.0	.0 .0	.0 .0	.0	.0	.:	•1	.5	.0	٠٥	.2			
	1/2(1	PCP NG PCP	.0	.0	.0	•	•	•1	:	•	9.	:	.2			
		101 1 PCP	.0	•0	•0	•	•	•1	•	•	•0	•	• 2			
	1<2	NO PCP	:	:	٠٥	. i	.1	.3	•?	.1	.0	٠٥	.7			
	245	PCP NO PCP TOT 1	•1		.0	.1	.2	1.3	.7 .4 1.2	.? .1 .2	.0	.1	2.8 1.2 4.6			
	5<10	PCP NO PCP TOT %	•1 •2 •3	.1 .1 .3	.1 .3 .5	.2	.8 1.5 2.2	2.7 3.9 6.6	2.6 3.3 5.9	.5 .7 1.2	0.0	.1 .2 .3	7.2 10.7 17.9			
	10+	PCP NO PCP TOT 1	11.6 1.7	•1 •8 1•0	.1 1.5 1.6	2.2	.5 7.9 7.5	2.1 19.9 22.0	2.3 27.6 29.9	.3 5.9 6.2	n. 0.	.1 4.3 4.5	5.8 71.0			
		101 055 101 PC1	2.2	1.4	2.1				17.3		•c		100.0	6920		

VSBT (AH)	SPD	N	NE	£	SE	\$	Sw	•	NW	YAR	CALM	PCT	TOTAL
	0-3	.0	•0	•0	.0	.0	.0	.0	.0	.0	•		
(1/2	9+10	•	•0	•0			•	.0				.1	
	11-21	.0	٠٠	+0			-1	•1	.0	.0		.2	
	22+	.0	.0	٠Ö	.0	•			.0	.0		•	
	101 1	•	•0	•0	•	•	-1	- 1	•	•0	•	. 3	
	0-3	.0	.0	.0		.0	•0	•6	.0	.0	•	.1	
1/2<1	4-10	.0	• 3	+0	•0	•	- 1		-0	.0		. 1	
	11-21	.0	•0	•0	.0	.0	• 1	•	•	•0		• 1	
	22+	+0	•0	•0	.0	.0	.0	•0	•0	•6		٠.	
	101 1	•0	.0	•0	•	•	.1	-1	•	.0	•	. 3	
	0-3	.0	.0	•0	.0	•	•	+0	.0	.0	•	•	
1<5	4-10	•	•	•		. 1	• 2	- 1	+ 1	•0		.5	
	11-21	•	•	•		•	. 1	. 1		.0		. 4	
	22+	.0	•0	.0	.0	.0	•	•	•0	.0		- 1	
	101 \$	•	:	•	• 1	. 1	.4	• 2	-1	•0	•	1.0	
	0-3	•	•	•	.0	•	. 1	.1		.0	.1	. 4	
2<5	4-10	•	•	•	• 1	. 3	1.0	• 7	• 5	.0		2.5	
	11-21	•	•	•	•	•2	. 4	. 4	• 1	•0		1.6	
	22+	.0	.0		.0	.0		•	.0	.0		. 1	
	191 1	•1	• 1	• 1	• 1	.6	1.9	1.3	• 3	.0	• 1	4.5	
	0-3	•	•	•	•1	•2	• 2	+2	•1	٠.	.3	1.2	
5(13	4-10	•2	•2	.4	. 4	1.3	3.6	3.1		.0		10.0	
	11-21	•	•	•	• 1	.7	2.6	2.3	• 3	.0		4.1	
	22+	•0	•0	.0	•0	•	. 1	+2	•	•0		. 3	
	101 1	.3	. 3	•5		2.2	6.5	5.7	1.5	•0	. 3	17.6	
	3	4	• 2	.5	.5	1.2	1.7	1.9	.6	.0	4.6	11.6	
10.	4-10	1.1	• 7	1.0	1.6	5.2	14.5	20-1	4.5	•0		48.8	
	11-21	•2	• 1	•1	•2	1.1	5.5	7.2	1.2	-0		15.6	
	55+	.0	.0	.0	.0		- 1	1	•	.0		2	
	101 1	1.7	1.0	1.5	2.3	7.5	21.9	27.5	6.3	•0	4.6	76.3	
	280 101	2.1	1.0	2.1				14.0	7.9	. n		100.0	732

NOYE#SER

PERIOD: (PRIMARY) 1951-1979 (OVER-ALL) 1868-1979

TABLE 10

REA 7011 PUNTA BURIC 7.6N 83.Cm

ERCENT	FREQUENCY	0F	CEILING	HEIGHTS	CFEET.NH	34/81 A	NO.
	ACCU!	ant.	LEE AF NO		HALLE		

HOUR (GHT)											TOTAL	4H <5/8 ANY =61	
00603	1.2	.7	4.7	15.7	17.8	6.8	1.4	.7	.1	• 1	49.2	\$1.8	1506
06600	2.1	. 7	5.7	16.6	14.1	7.2	1.5	. >	. 3	. 1	53.6	41.2	1129
12615	1.5	1.5	5.4	17.0	16.6	5.6	2.5	.5	. 3	-1	53.4	46.6	1567
18421	1.2	1.0	3.6	16.5	17.3	7.1	2.1	.6	•5	.3	49.8	\$6.2	1738
TOT	86	58	285	967	1365	391	112	35	11	•	3019	2563	5882

TABLE 11

TABLE 12

		PERCENT	FREQUENC	4 4264	(NH)	BT HOUR		CUMUI AT					1.81 HOUR	
HOUR EGMT)	(1/2	1/2<1	1<5	2<5	5<10	10•	TOTAL 085	HOUR (GHT)	<150 <50YD	<600 <1	<1000 <5	1000+ A405+		TOTAL OBS
00603	. 3	.2	.7	5.6	16.7	78.6	1824	90403	1.2	6.9	24.0	25.7	50.5	1-45
06609	•2	.2	.9	4.8	19.8	74.1	1593	96140	2.2	9.0	28.0	28.8	43.2	1083
12615	.3	.4	1.3	5.0	18.0	75.0	1803	12615	1.4	8.9	27.8	26.7	45.5	1475
18621	.5	.4	1.2	4.5	16.1	77.3	2265	14621	1.2	6.3	24.6	26.8	48.6	1699
TOT	25 • 3	22 •3	76 1.0	337	1309	5716 76.4	7465 160-7	101 PCI	84 1.5	434 7.6	25.9	1542 26.9	2712 47.2	5742 100.0

TABLE 13

148LE 14

	PERC	ENT FR	EQUENC	7 OF R	ELATIVE	C HUHIC	111 8	Y TEMP	TOTAL	PCI		PERC	CHT FR	E TUENC	Y 0F #	IND DI	RECTIO	N 87 T	FWP	
TEMP F	0-29	30-39	40-49	50-59	60-69	70-79	80-89	*0-10C		FREO	N	NE	ε	ŞĒ	5	Sw	•	Ne	VAR	CALM
90/94	.0	•0	•	.0	.2	•	.0	.0	15	.2	•	•	•	.0	.0	•	- 1	•	•0	•
85/89	.0	.0	•			1.5		.1	202	3.2	•		• 1	. 1	.3	. 7	1.2		•0	. •
80/84	.0	.0	•0		.9	11.5	25.1	4.5	2613	42.0	1.1	.5	1.1	1.3	3.8	10.8	17.1	3.7	•0	2.5
75/79	.0	.0	.0	.0	-1	2.1	23.3	27.1	3273	52.4	. 9	. 7	. *	1.7	6.1	12.4	18.3	3.4	.0	2.2
70/74	.0	.0	• 0	.0	.0	.0			125	2.0	• 1	•	- 1	- 1	. 3	. 7	• 7	- 1	•0	. 1
TOTAL	0	Ö	2	3	107	960	3065	2091	6228	100.0										
PCT	٠ō	•0	•	•	1.7	15.4	49.2	33.6			2.1	1.3	2.2	3.2	10.5	30.0	37.4	7.6	•0	5.1

TABLE 15

				146	12 13									IABLE	10			
	MEANS,	ExtPEM	ES AND	PERCE	ILES	OF TE	*P (DE	6 F1 8	Y HOUR		PEPC	ENT FRE	QUENCY	OF RELA	TIVE H	YTICIMU	84 HOUF	1
HOUR (GHT)	HAX	992	952	501	51	12	MIN	HEAN	TOTAL CHS	HOUR (GMT)	0-29	30-59	66-69	70-79	80-89	96-100	HEAN	TOTAL
00503	48	85	82	79	75	73	66	79.1	1994	00663	.0	.0	.5	13.0	54.7	31.9	87	1626
04609	90	8.3	82	79	75	73	6.8	78.5	1809	96509	.0	.0	. 8	7.4	51.4	40.4	8.	1335
12415	48	#3	82	78	75	74	6.6	78.5	1962	12615	.0	.0	. 6	8.5	48.4	41.9	8.6	1592
18621	92	89	86	81	75	73	65	80.7	2513	10621	.0	. 3	4.2	29.4	43.8	22.4	8.3	1433
101	92	46	84	79	75	73	66	79.3	8278	101	٥	5	109	983	3155	2134	86	6388

NOVEMBER

PEPIOD: (PRIMARY) 1951-1979 (OVER-ALL) 1868-1979

TABLE 17

AREA DD11 PUNTA BURICA 7.6N 83.5W

THE PROPERTY OF THE PROPERTY O

PCT FREG OF AIR TEMPERATURE (DLG F) AND THE OCCURRENCE OF FOG (W'THOUT PRECIPITATION) VS AIR-STA TEMPERATURE DIFFERENCE (DEG F)

AIR-SEA	45	67	73	77	81	85	87	101		MO.
THP DIF	64	12	76	60	84	8.6	92		FOG	FOG
14/16	•0	.0	.0	.0	.0	.0		1	.0	•
11/13	٠Ó	.0	.0	•	- 1	•		10	.0	.2
9/10		.0	.0	.0	- 1	•	•	10	.0	• 2
7/8	• 5	.0	.0	•	٠i	•2	• 2	34	•	. 5
6	•0	.0	.0	.1	- 1	. 3	- 1	40	.0	
5	.0	.0	.0	. 1	. 3	.4	•	55	.0	.9
•	•0	.0	.0	. 3		. 5		105	.0	1.6
3	. 5	.0	.0	. 3	1.6		•	121	.0	1.9
Z	•0	.0	. 1	1.0	2.9	. 5	.0	283	.0	4.4
1	-0	.0		1.6	3.3	. 3	.0	332	•	5.2
ü	٠υ	•0	. 3	5.8	5.9	• 5	.0	785	- 1	12.1
-1	• 0	.0	.5	8.1	4.3	. 1	. 3	834	-1	12.9
-2	•0	.0	.,	12.9	3.8	•	.0	1124	.0	17.5
-3	•0	•	1.4	10.3	1.9	.0	٠.	481		13.7
-4	• 0		2.2			.0	.0	715	.0	11.1
-5	.0	.0	2.3		. 3	• 0	.0	556	.0	4.7
-6	• 0		1.6		• 1	•0	.0	262	•	4.1
-7/-6			2.1	1.1	.1	.0	.0	217	.0	3.4
-9/-10	•0	.1	.5	.1	.0	.0	.0	46		.7
-11/-13	•0	•		•	• G	• 0	• 0	5	.0	• 1
-14/-16	•	•	.0	•0	-0	•0	.0	2	.0	•
-17/-19	•	.0	•0	.0	• 0	.0	.0	1	.0	•
TOTAL	3		779		1653		26		18	6401
		15		3741		202	_	6419		
PCT			12.1		25.4	3.1		100.0	. 3	60.7

PERIOD: (OVEF-ALL) 1963-1979

TABLE 18

PCT FREG OF WIND SPEED (KTS) AND DIRECTION VERSUS SEA HEIGHTS (FT)

				74							NL			
HGT	1-3	4-10	11-21	22-33	34-47	48+	1	1-1		11-21	22-33	34-47	48+	PCT
<1	• 2	• 2	•0	•0	•0	.0	. 4	•		•	.0	.0	.0	-6
1-2	•	. 8	- 1	.0	-0	.0	.,	•		. 1	.0	.0	•0	.5
3-4	•	. 3	• 1	•0	.0	.0	.4	•0		.0	.0	•0	٠.6	- 1
5-6	.0	.0	.0	.0	•0	. 5	.0	•0		.0	.0	.0	٥.	•
7	•0	.0	•0	-0	.c	.0	.0	• (		.8	.0	.0	.0	.0
6-9	• 0	.0	.0	.0	.0	٠.	•0	•(		.0	•0	.0	-0	•D
10-11	.0	.0	.0	-0	.0	•0	•0	.(		.0	.0	•0	•0	•0
12	•0	.0	•0	.0	.5	40	.0	.0		.0	•0	.0	•0	• 0
13-16	•0	. 0	• 0	.0	•0	.0	.0	•1		.0	.0	•0	• C	•0
17-19	.0	. U	•0	٠0	.0	.0	.0	•1		.0	.0	•0	•0	.0
20-22	.0	•0	۰.	.0	• • •	.0	•0	•6		.0	.0	•0	.0	.0
23-25	•0	•6	. 6	•0	.c	.0	•0	•1		.0	.0	•8	• 6	.0
26-32	• 0	•0	•2	.0	.0	•0	•0	.1		•9	•0	•0	.0	•0
33-40	•0	•0	•0	.0	.0	٠.	.0	.1		.0	.0	•0	•0	•0
41-45	.0	.0	•0	.0	.0	. 0	•0	.1		•0	•0	•0	.0	.0
49-60	•0	.0	•0	.0	•0	.0	• 5	.(		.0	٠.	•0	•0	-0
61-70	.0	-0	•0	•0	.0	.0	.0			.0	.0	•0	٠.	.0
71-86	•0	.0	٠.	-0	.0	.0	•0			•0	-0	•0	.0	.0
87+	•0	-0	.0	-0	.0	.0	•0	•		.0	-0	•0	٠0	.0
TOT PCT	. 3	1.3	•2	.0	•0	٠.	1.7	•	3.8	.1	.0	.0	.0	1.2
HST	1-3	4-10	11-21	C 22-33	34-47	44+	PCT	2-:	3 4-10	11-21	SE 27-33	39-97	***	PCT
<1		• 2	•0	•0	•0	.0	. 2	•		•	.0	.0	.0	1.0
1-2	. 1	.5	•2	-0	-0	-0	.8			.2	.0	.0	٥.	1.7
3-4	.0	.2		.0	.0	-0	• 2			. 1	.0	.0	.0	1.0
5-6	.0	-1	•	•0	•0	•0	• 1	•	•	-1	•0	.8	٠.	• 1
7	.0		.c	.0	•0	.0	.0	•1	.1	•0	.0	.0	.0	. 1
8-9	.0	.0	•0	.0	•0	.0	.0	•1	0 •0	.0	•0	٠.	.0	.0
10-11	.0	.0	• C	.0	•0	.0	٠0	•		•	.0	.0	.0	•
12	•0	.0	• 0	•0	-0	•0	.0	•!		.0	•0	.0	٠.	.0
13-16	•0	.0	.0	.0	•0	.0	•0	•1		.0	•0	-0	•0	-0
17-19	•8	.0	• 0	.0	•0	.0	٠٥	•1		2.	•0	•0	٠.	•0
20-22	•0	-0	.0	•0	•0	•0	•0		.0	•0	.0	.0	•0	-0
23-25	.0	-0	.0	.0	.0	-0	.0	•1		٠.	.0	.0	.0	-3
26-32	•0	•G	•0	•0	•6	•0	•0	•1		٥.	•0	.0	•0	•0
33-40	•0	•3	•0	•0	٠.0	•0	•0	•1		•0	.0	.0	.0	-3
41-46	•0	•0	•0	-0	•0	٠.	•0	•1		•0	•0	.0	•0	-0
49-6D	•0	.0	•0	-0	.0	•0	•0	•		.c	•0	•0	.0	•5
61-70	•0	• • •	•0	.0	•5	.0	.5			.0	0	•0	•0	.0
71-86	.0	-0	•0	٠ç	٠.٢	-0	.0	•		.0	•0	.c	•0	•0
67+	.0	.0	•0	-0	٥.	•0		•1		۰.	•0	.0	•0	.0
TOT PCT	•2	1.0	• ?	.0	•0	.0	1.4	•	5 2.9	. 4	•D	.0	•0	3.*

									ROVEHS	ER							
PERIOD:	10168	-ALL)	1963-1	•7•				TABLE	18 (C	0NT )				AREA		SUNTA (	
				PC	1 FREQ OF	HIND	SPEED	(**51	AND D	1PEC	1105	VERSUS S	EA HEIG	HTS (FT)	ı		
				s									Sa				
HGT	1-3	4-10	11-21	22-33	34-47	48+	PCT			-3	4-10	11-21	55-33	34-47	46+	PCI	
<1	. •	1.4	• 2	.0	•0	•0	5.0			.0	2.7	•	•0	•0	.0	3.7	
1-5	• •	3.1	• 5	•0	•0	.0	••0			.6	11.5	1.8	.0	.0	.0	13.9	
3-4	-2	1.4	• 7	- 1	•0	.0	2.5			٠1	5.2	5.3	•	-0	•0	10.5	
5-6	.0	••	.1	•0	•0	•0	1.5			•0	1.0	2.6	•	.0	.0	4.5	
1	.0	.3	•0	•0	•0	•0	.3			.0	• 2	• 1	٠,	۰.	٥.	• •	
8-9 10-11	٠.0	•0	•0	٠.	•€	.0	٠.			٠,	•	-1	•0	.0	٦.	• 1	
10-11	•0	•0	• 1	•0	•0	•0	• 1			.0	٠.		.0	.0	٠.	.0	
13-16	•0	•0	•.0	•0	٠.	•0	•0			.0	•0		•0	•0	.0	.0	
17-19	.0	.0	.0	•0	.0	.0	.0			.0	.0		.0	.0	9.	.0	
20-22	.0	.0	.0	.0	•0					.0			.0		٠.	•0	
23-25	.0	.0	.0	.0	•0		.0			:0			.0	.0		.0	
26-32			:0	.0	.0								.3	:6		.0	
33-40	.0		ě	.0		:0	:6						.0			.3	
41-48	:0	.0	ě							.0	.5				٥.	.5	
49-60				.0	iŏ		.0				.0			.0		.3	
61-70					č					.0	.3		.0				
71-86	.c	•0	.0		.0		.0			.0				.0		. n	
47+				.0	.0					.5		.0	.0	.0	3.		
TOT PCT	1.1	7.3	2.2	.1	•0	.0	10.7			. 6	21.3	19.7	•1	-0	.0	33.7	
													h u				10TAL
HGT	1-3	4-10	11-21	22-33	34-47	44+	PCT			- 3	4-10	11-21	22-53	34-47	44+	201	PCT
Či.	٠,5	3.4				.0	4.0			.ž						1.1	
1-2	.7	13.4	2.7		.0		17.2			. 2			ü	.5		3.9	
3-4	.2	5.4	4.6	.1	.0	.0	10.3			•	3.1		.0	.0		1.7	
5-6	•0	. 2	2.5	•	•0	.0	3.5			.0			.0	.0	.0	.6	
7	.0	•		•0	•0	• C	.5			.0			+0	-0	٠.	. 1	
8-9	•0	. 1	. 1	. 1	.0	.5	. 3			.0	.0		•0	.0	٠.	.0	
10-11	•0	.0	.0	.0	•0	.0	.0			.0	. 5	.0	٠.	.0	٠.	.0	
12	•0	.0	.0	.0	•0	•0	.0			.0	-0	••	•0	-0	.0	•0	
13-16	.0	٠.	•0	.0	.0	.0	•0			•0	.0		.0	.0	.0	• 0	
17-19	.0	.0	.0	•0	.0	.0	.c			.0	٠.		.0	.0	.0	.0	
20-22	.0	.0	•0	.0	.0	•0	.0			•0	.0		.0	.0	٥.	.0	
23-25	٠c	.0	.0	.0	.c	.0	•6			.0	.0		.0	.0	٠.	.0	
26-32	•0	٠.	٠.	۰.	• 0	•0	.0			.0	.0		• C	.0	.5	.0	
33-40	•0	.9	•0	.0	•0	.0	•0			٠0	• 6		.0	.0	•=	.0	
41-48	•0	•0	•0	.0	.5	.0	.0			.0	. +1		.0	•0	.0	.0	
49-60	•0	.0	٠.	.0	•0	•0	•0			• ti	• •		.0	٠.5	.0	• 0	
61-7C	•0	٠.	•0	ن.	•0	•0	\$0			.0	. 3		.0	٠.0	•0	.5	
71-86 87+	•0	•0	.0	•5	.0	٠,٥	.0			•0	.0		٠.	٠.	.0	•¢	
101 PCT	1.4	23.6	0	.0	.0	.0	35.6			•0	5.2		.0	-0	.0	7.0	95.7
101 PC1		23.0	10.6	••	•0		3346			••	> 4	1.7	•0	-0	.0	/	4501

	<b>WI40</b>	SPEED	IKTS.	VS SEA	4£1GH1	(FT)		
141;	5-3	4-10	11-21	22-33	39-47	42+	PCT	101 645
<:	1.7	9.7	.5	.0	.0	.0	18.0	
1-2	2.5	34.1	6.2	.0		.0	42.7	
3-4	. 7	14.5	11.2	, ,	.0	. 0	26.7	
5-6		3	6.3	-1	.0	.0	10.2	
7	.0		1.2	-0		.0	:	
8-9	-0	.1	.1	-1	.č	.0	- 3	
10-11	-0	2	• 5	٠.	.0	.0	-1	
12	•0	.0	•0	ت.	.0	.0	+0	
13-14	-0	3.	•0	.0	٠.	.c	•0	
.7-10	•0	-0	.5	.0	-0		-0	
20-27	••	. 5	-0	.0	.6	.0	.0	
23-25	•9	• 0	-0	د.		ن.	•3	
26-32	.0	٠.۵	.0	.0	.0	. 3	•0	
33-4D	-0	. ¢	.6	٠.	٥.	.0	.0	
41-44	•0	10	.0	.0	.0	.0	46	
43-90	•0	.0	.0	.c	.0	.0	.0	
43 -7G	• 0	•0		.0	.5	٠.	.0	
71-96	.3	•0	.0	.0	.0	.0	40	
67+	.0	.0	.0	•0		-0	-0	
								2054
101 PC1	11.0	42.5	25.7		.0	.0	100.0	

では、100mmので

PERIG	C: 101	ER-ALL	3 394	9-397	•				TABLE	:+											
					PERCEN	FRE:	ECHCY .	3F WA'	VE HEI	SHT (F	11 15	MAAF >	ERIOD	15ČC.A	120						
PERIOD (SEC)	<3	1-2	3-4	5-6	7	<b>8·</b> \$	10-11	15	12-14	17-10	20-22	23-25	26-32	74-20	*1-**	19-63	41-70	71-84	<b>\$</b> 7•	TOTAL	PA 3M Tak
<6	4.6	14.7	19.9	7.6		. 4	.1	- 1	-0	••	.0		د.	5			c		.0	2622	3
6-7	. 3	3.2	8.7	4.0	3.1		•2	•	•	.0	.0		.5	.0	-6	.0	.0		,0	3346	4
6-7	•	.7	2.4	2.3	1.3	. \$	. 2	.0		.0	.0	.0	9	.0	.0		10	٠٠	.0	341	5
10-11	• • •	, .	-t	47			- 1	•	- 1	.0		.0	•6		٠.	• • •	c			137	5
12-15	.0	٠.)			.2			.0	•	.0	.0	- 0		0					.0	7.5	
>13		.7	.0	. 5	. 3	-1	•		.0	.0		-0	2	0	• • 9		0	• 0	.ç	50	,
14081	4.7	1.2	2.3	.,	. 3	• 1	•	.0	•	.0	.0		. 0			0			. 5	197	2
PC	106 7.7	1265	1823	1056	424	103	39	.1	. 2	ż.	1	.0	.0			0			. 5	3228 163, 3	3

DECL#86%

PEPIOD: (PRIMARY) 195( 1979 (OVER-ALL) 1876-1979

TAOLE 1

ARLA ODII PUNTA SURICA 7.64 83.68

4535567	ESE SHENCY	ΛF	-CATHED	ACCUARENCE	£v	WIND	DIESTION

			F	RECIPI	TATIO	N TYPE					OTHER	PEATHER	PHEND	ML: A	
PMD DIS	PAIN	4AIN Shar	DRZL	FHZG PCPN	SHO	OTHER FRZM PCPN	HAIL	DE TIME	PCF. PAST HOUR	THDR LTNG	FOS WO PCPM	FOG dO PEPA PAST HE	SHOKE HAZE	SPARY BLUG DIST BLUG SHIW	
٨	. 6	1.3	. 7	.0	.0		.0	2.6	2.6	1.3	.6	٠.۵	.0	.0	92.0
١E	1.9		1.9	.0	.0	. 0	• 0	3.9	2.6	1.0	. 2	.0	.0	•0	72.4
	3.6	1.9		• 0	.0	ن.	•0	3.1	3.6	1.7	. 3	.0	.0	.u	1.7
SE	2.9	1.4	1.6	.0	.0	.0	•0	6.0	4.0	2.4	. 3		٠.		65.9
- (*)	2.8	2.8		.0	.0	.5	•0	6.3	5.6	2.6			• 0		9 3
Śla	3.1	3.5	1.1	.0	.0	.0	• 0	7.7	4.9	1.6	1.0	٠.	. 3	.1	84.5
<u> </u>	2.4	1.9	1.1	.5		.0		5.2	3.2	1.8	.5	.0	. 1	.1	45.1
N.W	2.1	3.1	.,		.0		•0	5.4	3.7	1.2	. ;	.0		.1	88.4
VAN						.0	.0				.0	.0	.0		. 0
CALF	1.6		. 2	.5	.0	.0	.0	2.2	2.9	1.6	. 2	.c	. 4		12.5
TOT PCT TOT 065:	2.3 6944	2.2	1.0	•0	•0	•6	•	5.4	3.8	1.7	.6	•0	•1	•1	88.5

#### TABLE 2

#### PERCENT FREQUENCY OF MEATHER OCCURRENCE BY HOUR

			•	RECIPI	1 A 1 1 0 1	1 TPE					0,468	SEATHER	PHENO	HENA	
(GH1)	RAIN	HAIR Shur	DRZL	FHZG PCPH	SNOW	OTHER FRZN PCPN	HAIL	PCPA AT OB TIME	PCPL PAST HOUR	THOR LTMS	FOG WU PCPh	FOG WO PCPh PAST HR		SPRAY BLNG DUST BLNG SNOW	
COLU3 P6609 12615 14621	2.1 2.9 3.0 1.7	1.3 2.7 5.0 2.2	1.1 1.1 .8	•0 •0 •5	.0 .0	.0	.0	4.2 6.4 6.9 4.7	2.9 4.2 5.2 2.8	1.9	.6 1.0 .4	.00	•2 •1 •1	.2 .1 .0	90.2 83.7 86.4 91.6
101 Pt1	2.4 7197	۷٠3	1.0	.0	•0	•0	•	5.5	3.7	1.7	.6	•C	•1	•1	86.3

### TABLE 3

# PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

		b I h	D SPE	D (4%	1210								HOUR	IGPTI			
AND DIS	0-3	4-10				***	TOTAL PI		SPO	00	03	04	09	12	15	1.0	21
	1.2	4.5		.0	•	.0	6	. 7	6.4	2.8	3.3	5.3	7.5	10.3	4.5	7.9	7.9
NE.	. 7	3.3			•с	.0	4.	. 5	7.2	1.9	2-1	4.5	3.3	6.5	5.3	5.5	2.8
1	. 3	2.2	. 4	.0	.:	.0	3.	. •	6.3	2.0	3.4	4.1	1.9	3.5	5.3	3.0	4.5
šE	. 8	2.6	. 3	• 0		.0	3	. 7	6.1	3.7	4,4	4.1	3.2	2.8	4.0	3.3	6.8
5	1.6	5.5		•	.c	.0	7	. 7	6.4	9.2	7.6	4.7	6.5	5.4	7.3	6.7	10.4
Šĸ	2.4	13.7	2.6	•	.0	.0	19	. 2	7.2	25.6	23.8	18.7	21.1	14.9	23.0	17.0	21.0
	4.1	24.7	4.7	.0	.0	.0	33	. 5	7.4	41.0	34.4	31.3	36.9	30.1	30.0	32.0	29.4
NH	1.4	10.1	1.9	•		.0	13		7.4	1.4	12.9	10.4	10.9	18.1	14.7	14.1	12.2
YAR	.0			.0	.0	.0		.0	. 3	.0	•0	• 3	2.	.0	.0	.0	.0
CALM	7.9	•••		• • •		• • •		. 9	.0	5.5	5.6	11.3	8.6	8.5	6.0	7.5	5.0
240 101	1704	5375	464		1	٥	8056		6.6	1774	120	1978	232	1636	151	2203	262
DT PC1	21.2	06.7	12.0	.1	:	.0	100	.0				100.0					

		#IND	SPEED	(KNOTS)						HOU	P (GH1	,
AND DIR	0-6		17-27		•1•	COS	PC1 TREC	MEAN SPD	03	CA	12	18 21
79	3.8	2.8	-1	•	٠.		6.7	4.7	2.6	5.6	9.9	7.9
ΝE	2.5	1.9	. 1	-0	. 0		4.5	7.2	1.9	4.3		5.3
ť	2.2	1.2	.1	•0	٠.		3.4	6.3	2.1	3.4	3.6	3.9
SE	2.4	1-3	•	•0	.5		3.7	6.1	3.7	4.6	2.9	3.7
Š	4.8	2.4	. 1	.0			7.7	6.4	9.2	9.3	5.5	7.1
SW	7.7	8-8		•0	.0		19.2	7.2	25.5	19.6	15.5	17.4
j	15.7	17-0	. 7	.0	.0		33.5	7.4	46.5	32.0	13.1	31.7
NW	6.7	6.6	.2				13.5	7.4	4.7		17.8	15.7
VER	.0	.0	.0	•0			.0	•0	.0	.0	.0	.0
CALM	7.9	•••	•••				7.9	•0	3.5	10.9	4.3	7.2
101 085	4496	3408	150	2	c	8056		6.6	1874	1710	1987	2465
TOT PCT	55.8	42.3	1.7	:	٠.	•	100.0			1.00.		

DECEMBER

PERIOD: (PRIMARY) 1750-1979 (OVER-ALL) 1878-1979

TABLE 4

APLA OG11 PUNTA BURICA 7.6N 83.QH PERCENTAGE FREQUENCY OF WIND SPEED BY HOUR (GHT)

				WIND	SPEED C	KNOTS			PCT	TOTAL
HOUR	CALM	1-3	4-15	11-21	55-23	54-47	48+	MEAN	FREG	oes
00663	5.5	12.2	69.4	12.6	-1	.0	.0	7.0	100.0	1894
99340	:0.9	12.3	64.6	12-1	.0	.0	.0	6.3	100.0	1710
12615	4.3	12.6	45.6	12.4	- 1		.0	6.6	100.0	1987
15531	7.Z	15.5	66.2	11.1	. 2	•	.0	6.5	100.0	2465
TOT	634	1070	5375	948	3	1	0	6.6		8056
PCT	7.9	13.3	66.7	12.3	.1	•		• • •	100.0	

TABLE 5

....

•	CT FRE			CLOUD A		EIGHTHS)		4					CEILIA NH (5/					
NNO DIS	0-2	3-4	5-7	3 E	10141	MEAN	690	150	300	600	1000	2000	3560	sour		*000*	NH <5/8	
				oesco	085	COVER	140	209	599	***	1999	3444	4959	6497	7999		ANT HGI	083
*	2.1	1.9	1.6	.,		3.6		.0	.1	.2	.4	- 3	.1			.0	5.2	
NE	2.0	1.2	1.1			3.4	•	•0	•	.2	. 3	٠i	•			-0	4.0	
٤	1.1	1.0	1.1	.3		3.6	. 1		•	- 1	.3	- 1	•	٠.		.0	2.7	
šE		1.4	1.3			4.7	•	.0	-1	. 3	. 4	42	. 1	•0	•	•	2.7	
Š	1.3	1.5	3.4	1.3		5.1	•	- 1	•2	. 7	1.1	. 3	.2	- 1	•	•	4.7	
Š¥	2.5	3.8	8.4	3.4		5.2	.2	.1	.5	2.0	2.0		.5		. 1	•	11.4	
¥	6.7	8.7	13.4	5.0		4.7	.1	.1	.5	2.4	4.4	1.4	.5		.1	• 1		
Nu	3.1	3.7	5.2			4.5	•1	. i		1.1	1.4		. 3				7.4	
YAP		•0.	.0			•0	.0			0	.0		.0	٠.		.0		
CALA	2.0	2.0	2.4	.7		3.9		.1			.5	• 2	.1	• 1	٠.		1.1	
107 085	1260	1426	2158		5661	4.6	28	ži	111	460	661	245	95	36	16	i	3781	5661
101 251	22.3	25.7	38.7		100.0			- ::	2.0	4.1	11.7	4.1	1.7				70.3	100.0

TABLE 7

CHMIN ATTE	901 EREA	OF	SIMULTANEOUS	OCCUPRENTS
OF CESI TO	MG MF16MT	1 44	w dalk telet w	CAT (MM)

				VSBT (NR	1			
CEILING	= OR	= OR	= 08	= OR	= 0#	= 08	# OR	= OR
(FEET)	>10	>5	>2	>1	>1/2	>1/4	>5010	>0
= OR >6500			.4	.4	.4		.4	
= OR >5000	1.0	1.0	1.0	1.0	1.C	1.0	1.0	1.0
C OR >3500	2.5	2.6	2.6	2.7	2.7	2.7	2.7	2.7
E OR >2000	6.5	7.6	7.1	7.2	7.2	7.2	7.2	7.2
2 OR 21000	16.4	14.1	18.6	15.7	18.7	18.7	11.7	14.7
= CR >600	22.4	25.8	26.6	26.8	26.8	26.8	24.8	24.6
= OR >300	23.7	27.5	28.5	28.7	28.7	28.7	28.7	26.6
= OR >150	23.4	27.9	28.8	29.0	29.1	29.1	29.1	29.2
2 08 > 0	24.1	28.2	24.3	29.5	29.5	29.6	29.6	29.5
TOTAL	1408	1650	1711	1725	1727	1729	1730	1712

TOTAL NUMBER OF DES: SEAS

PCT FRED NH 45/8: 70.4

TABLE 7A

# PERCENTAGE FREQ OF LOW CLOUDS (EIGHTHS)

0 1 2 3 4 5 6 7 8 085CD 085 642 1444 1848 1749 1245 845 742 648 740 43 6118

DECEMPER

TABLE 6  PERCENT FORCOG ALMO DIRECTION WS DECUMENCE OR NON-OCCURRENCE OF PRECIPITATION WITH VARYING VALUES OF VISIBILITY  VSBV N NE E SE S S N N N V VAR CALM PCI IOIAL OBS  C1/2 NO PCP 10 10 10 10 10 10 10 10 10 10 10 10 10								DEC	EMPER						
PRECIPITATION WITH VARYING VALUES OF VISIBILITY  VSBY  15HH  PCP  -C -								TA	BLE &				ARE	A 0011	
15.89)  PCP			PI	ERCENT										€ OF	
C1/2 NO FCP 10 10 10 10 10 10 10 10 10 10 10 11  PCP 10 10 10 10 10 10 10 10 10 10 10 10 10			*	ME	€	SE	s	56	¥	Au	YAR	CALM	PCI		
TOT 1 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1  PCP .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0				.0	.0		•	•	•	•	.c		. 1		
1/2C1 h3 PCP			.0	.0	.0	•0		:	٥.		.0	:0	.1		
1/2<1 h0 PCP .3 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1  PCP .3 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .1  PCP .3 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0		PCP	-0			.0	-0		.0	•0	• 2	.0			
101 1 . C			.3				•0	•							
162 h0 PCP			•c			.0	•0	•	•		•0	.c			
TOT \$ .0 .0 .0 .0 .0 .3  PCP					-	. •	•						. 2		
PCP						•		•							
265 NO PCP		101 1	.0	•0	•	•	•	-1	.1	•	•0	•0	. 3		
265 NO PCP		PCP	•	•	•	•	. 1	.2	.2	-1	•9	•	. 1		
TOT 1				•		•	•	-1	.2		•0				
5010 NO PCP 13 11 13 17 1.6 2.1 19 10 12 6.5 101 3 19 10 12 6.5 101 3 19 12 12 14 19 10 12 6.5 101 3 19 12 12 14 19 10 12 6.5		101 1	•	-1	-1	•	•2	• 3	.*	-1	•0	.1	1.3		
TOT b .4 .2 .2 .4 .9 2.2 2.8 1.3 .9 .3 8.6  PCP .1 4 6 .1 .1 .7 .7 .3 .0 .1 2.1  10 60 PCP 6.1 4.3 3.2 3.2 6.3 15.8 29.6 12.1 .9 7.0 67.5  101 1 6.1 4.3 3.2 3.2 6.8 16.5 30.3 12.4 .0 7.6 89.7  TOT 065						.1	.2								
PCP -1 * * * 1 * 1 * 7 * .7 * .3 * .0 * .1 2 * 1  10* NO PCP 6-1 * 3 3 -2 3 -2 6 -3 15 -8 2* -6 12 -1 * .2 7 - 0 87 -5  10* 10* 1 6 -1 * -3 3 -2 3 -2 6 -6 16 -5 30 -3 12 -4 * .0 7 - 0 87 -7  TOT 0 -5 49 -7							. 7								
10* h0 PCP 6.1 4.3 3.2 3.2 6.3 15.8 29.6 12.1 .7 7.0 87.5 101 1 6.1 4.3 3.2 3.2 6.4 16.5 30.3 12.4 .0 7.0 89.7 101 0.5 6920		101 2	••	•2	• 2	.4	••	2.7	2.8	1.3	•9	. 3	1.6		
101 1 6.1 4.3 3.2 3.2 6.4 16.5 30.3 12.4 .C 7.6 89.7 101 0os															
101 005 6920						3.2									
		101 1	6.1	4.3	3.5	3.2	٠.٠	16.5	30.3	17.4	•0	7.0	87.7		
														6970	
10f FCT 6.5 4.6 3.4 3.7 7.6 19.2 33.7 13.9 .0 7.4 100.0	1	OT FCT	6.5	4.6	3.4	3.7	7.6	19.2	33.7	13.9	٠.	7.4	100.0		

TABLE 9

			•						15191L		ED		
VS81	5PD 675		NE	C	3£	s	5.		NH	728	CALM	PLT	TOTAL OBS
	Q-3	.0	-0	•0	.0	.0	•0	.0	•0	.0	.0	.0	
<1/2	4-10	.0	.0	• 0	.0	•	•	•	•	.0		. 1	
	11-21	•0	.0	٠c	•0	•	•	•	•	.0		- 1	
	52.	-0	.0	-0	.0	-0	•0	-0	•0	-0		.5	
	101 1	•0		•0	.0	•	- 1	-1	•	.0	-0	•2	
	D-3	.0	.0	•	-0	.0	+0	•	•	.c	.0	•	
1/2<1	4-10	.0	•	•3	•0	.0	•	•0	•8	.0		•	
	11-21	-0	.0	٠.	٠.	.0	.6	٠٥	•0	.0		.0	
	22+	٠.	.0	•3	.0		.0	-0	.0	-0		•0	
	101 1	•9	•	•	•0	•0	•	•	•	•0	•0	- 1	
	0-3	.0	.0	.0	- 0	-0	.0	.0	•	.0	-0	•	
1<5	4-10	•0	.0	•	•	•	.1	-1	•	.0		- 3	
	11-51	.0	.0	•0	•	.0	•	•	-0	•0		- 1	
	22+		•0	.0	.0	.0	.0	-0	.0	.0		. 0	
	101 3	-8	.0	•	•	•	. 1	- 1	•	٠.	•0	••	
	0-3	•		.c	•	•		•	•	.0	•1	٠2	
245	9-10	•	- 1	• 1	•	-1	. 3		- 1	.0		1.0	
	11-51	.0	•	.0	•0	•	-1	-1	•	-0		• 3	
	22*	•0	.0	•0	•0	•0	-0	•0	-0	٠.		•0	
	101 1	•	.1	.1	•	•2	••	•5	. 1	.c	- 1	1.5	
	0-3	-1	•	•	•	-2	. •		- 1	.0	. 3	1.5	
5<10	4-10	• 2	. 1	-1	•2	•5	1.2	1.4		•0		4.6	
	11-21	-1	•	•	-1	-1		.7	. 3	.0		2-1	
	22*	•€	.0	.0	-0	•	•	•0	.0	.0		•	
	101 2	••	•5	•5	••	.,	5.5	2.7	1.2	.0	.3		
	0-3	1.1		.7		1-1	2.3	3.7	1.3	٠.	7.3	18.9	
10.	4-10	4.2	3.1	2.1	2.3	*-*	12.2	22.7	7.4	.0		60.4	
	11-21	•¢	.5	. •	-1	- 5	1-7	3,+	1.6	.0		9.7	
	22.	.0	•	•0	40	•	•	٠.	•	.0		• 1	
	101 2	6.2	4.3	3.2	3-2	•••	16.5	30.5	12.3	.2	7.3	47-5	
	TOT GBS												7279
,	LAY PCT		4-5	1.4	1.2	7.5	19.2	11.4	11.7	- 0	7.4	106-0	

DECEMBER

PEPIOD: (PRIMARY) 1950-1979 (OVER-ALL) 1878-1979

AREA DOSS PUNTA SURICA 7.6% 63.35

# PEPCENT FREQUENCY OF CEILING HEIGHTS (FEET, NH >4/8) AND OCCURRENCE OF NH <5/6 BY HOUR

HCUR (GMT)	000 149	150 299	300 500						6500 7999		TOTAL	44 CE/8	
00003	.3	.1	2.0	7.5	12.7	4.4	2.2	.5	-1	.1	29.7	75.3	1527
0660+	.7	.3	2.3	9.2	10.1	4.3	1.6	٠5	.6	.4	30.1	69.9	1153
12615	. 7		1.7	*.6	11.7	٠.0	1.5	• •	.2	•0	30.4	69.4	1565
18621	.3	•5	1.7	5.7	10.4	4.7	1.3	. 9	٠2	-1	25.7	74.3	1792
101 PC1	78 .5	22					146			8		4797 71.2	6037 100-0

TABLE 11

TABLE 12

		PEPCENT	FREQUE	C4 423	Y (RM3	87 MOUR	ı	CUMULAT					4587 (4M)	
EU01	(1/2	1/2<1	1<2	2<5	\$<10	10-	TOTAL OBS	. HOUR (GPT)	<150 <50YD	<600 <1	<1000 <5	1000-	MH (5/4 AND 5+	TOTAL OBS
00663	-1	.0	.4	1.4	7,4	90.7	1791	00603		2.5	11-1	19.9	47.1	1471
06663	:1	-1	.3	2-1	10.3	87.1	1589	06609	.7	3.6	14.1	17.2	44.7	1112
12615	•2	-1		1.6	8.8	89.0	1875	12545	.7	3.3	14.6	17.6	48.4	1521
18231	.3	-1	.4	1.1	7.6	93.6	2282	14421	.3	2.5	***	17.7	13.5	1741
101	13	5	28	112	635	6744	7537	101	30	170	616	1052	•101	5845

TABLE 13

TARLE 14

	PERC	ENT FR	EQUENC	T OF .	ELATIV	INUM 3	DITY &	T TERP	TOTAL	<b>PC1</b>		PERC	CHT FR	ECUENC	Y GF b	140 DI	RECTIO	H &Y T	[MP	
TEMP F	0-29	20-24	40-49	50-59	60-69	70-79	80-89	90-100		FRED		46	£	SŁ	5	56	4	NH	WAR	CALM
90/94	.0	-6		-1	:	.1	-1	-0	31	.5	.1	-1	-1	•0			.1	.1	-0	•
85/87	.0	-1	.0	-1				. 3	391	4.4	. 7	. 5	. 2		.2		2.1	1.0	•0	.5
80/84	.0	• 0		2	3.5	25.2	27.7	5.4	3760	62 . D	4.2	3.2	2.2	2.2	4.0	10.4	21.4	9.1	.0	5.1
75/79	.0	•0	٥. د	.0	2	3.5	16.0	10.8	1444	30.4	1.5	1.1		1.0	2.9		10.2	3.5	.0	
70/74	.0	• [		-0	0	.0	. 1	.5	39		•1	• 1	•	•		.1	.1	• 2	•0	.0
TOTAL	0			20	343	1958	2719	1029	4049	100.0								-		
PCT	•0	• 0		3	5.7	32.3	44.8	17.0			6.5	4.5	3.3	3.5	7.2	19.2	33.+	13.0	+0	7.7

				TAT	ILE 15									TABLE	16			
	FEARS.	E>1PE#	CS AND	PERCE	at ILES	OF TE	49 (08	5 *1 4	4 HOUP		PERC	ENT FRE	CUL NCT	OF RELA	TIVE	10114	67 4001	t
40UR (647)	PAI	***	95%	502	52	12	#I#	REAM	TOTAL OBS	HOUP (5°1)	0-54	30-59	40-49	70-79	4.	100	MEAN	TOTAL
00503	73	86		41	77	75	71	80.6	1948	20503	-0	-2	3.0	32.9	49.7	14.3	92	1591
<b>90340</b>	\$0	84	82	40	76	75	66	74.6	1744	84669	-0	.0	1.7	24.7	51.8	21.6		1249
12615	*1	44	8.3	40	76	73	44	79.5	2030	12615	.0	-1	1.9	26.0	40.5	22.5	84	1417
18621	99	90	87	82	78	75	66	82.3	2529	14221	.0	-4	14.0	42.7	3 .3	11.2	78	1837
101	**		85	41	77	74	66	80.7	8273	101	0	20	358	2040	5853	1073	82	6314

r 0	

PERIOD: (PPIMARY) 1953-1979 104ER-ALL) 1878-1979

PERIOD: (0VER-ALL) 1963-1979

TABLE 17

AREA COST PUNTA BURICA 7.6% 43.0M

1-SEA - OIF 1/16 1/13 1/10 1/10 1/10 1/10 1/10 1/10 1/10	\$ 68	•• •• •• •• •• •• •• •• •• •• •• •• ••	73 76 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.0	#1 #4 -1 -1 -2 -2 -3 1-2 1-2 *-0	45 48 -0 -1 -1 -3 -4 -7 1-2 1-1	.0 .0 .1 .2 .1	.0	2 16 22 53 45 72 167	F06	.2 .3 .8 .7 1.1 2.6
7/13 7/10 7/8 5 5 4 3 2		00000000	0.000000	.0	.1 .2 .2 .3 1.2	.1 .3 .4 .7 1.2	.1 .2 .1 .1 .3	.0	16 22 53 45 72 167	.00.00	.2 .3 .8 .7 1.1 2.6
7/10 7/8 5 5 4 3 2	.00000000	0000000		.2 .2	.1 .2 .3 1.2	.1 .3 .4 .7 1.2	.1 .1 .1 .3	.0	22 53 45 72 167	.0	.3 .4 .7 1.1 2.6
7/8 5 5 4 3 2 1	.0.00	.00000	.00.00	.2	.2 .3 1.2 1.2	.3 .4 .7 1.2 1.1	.1	.0	\$3 45 72 167	.0 .0	.4 .7 1.1 2.6
5 5 4 3 2 1	.0	•0	0.0	.2	.2 .3 1.2 1.2	.* .7 1.2 1.1	.1	.0	45 72 147	.0	.? 1.1 2.6
5 3 2 1	.0	•0	0.0	.2	1.2	.7 1.2 1.1	:1	.0	72 167	.0	1.1 2.6
3 2 1	.0	•0	.0	.2 .2 .7	1.2	1.2	•3	.0	167	.0	2.4
1	•0	•0	•0	:2	1.2	1.1	•				
1	•0	.0	.0	.7				.0	165	•	2.5
1	٠0					1.0					
o o		.0				***	•	•0	373	•	5.7
	- 0		•	.,	4.7	• 7	٠.	.0	412	•	4.3
• •		-0	•	4.4	*.Z	• •	•0	-0	*10	-1	13.9
	.0	• 0	. 1	5.5	3.0	• 2	-0	•0	164	•	14.4
٠2	.0	•	• 2		7.2	- 1	.0	.0	1218	•	10.7
- 5	-0	- 3	• 2	7.4	3.4	• 1	.0	-0	719	.0	11.0
•		•		7.0	2.0		.0	•0		•	9.7
•5				4.0	. •	•0	٠.0	•0		•	5.5
• 6					. 1	• 0					2.9
1/-8	•	•		1.7	.2	+0	•0	-0	1.4	٠.٥	2.2
/-10	•	•		.2	•	.0	•0	•0	35	.0	.\$
1/-13	٠.			- 1	.0	•0	•0	•0	12		•5
	•	•		.0	.0	-0	•0	•0	•	•0	-1
JATE	•		245		2 <b>9</b> 0 Z		40			14	65C0
	5 6 /-8 /-10 /-13 /-16	4 .0 5 .0 6 .0 7-8 . 7-10 . 7-13 .0 7-16 .	* .0 .0 5 .0 .0 6 .0 .0 7-2 7-10 7-15	* .0 • .7 5 ·0 ·0 ·6 6 ·0 ·0 ·7 /-10 • ·3 /-13 ·0 ·1 • .0 TAL * 245	4 .0 • .7 7.0 5 .0 .0 .6 4.0 6 .0 .0 .7 2.0 7-8 • .7 1.2 7-13 .0 .1 • .1 7-16 • .0 .0 .0	4 .0 .0 .7 7.0 2.0 5 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	* .0	4 .0 .0 .7 7.0 2.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	4 .0 • .7 7.0 2.0 • .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	4 .0 • .7 7.0 2.0 • .0 .0 .0 \$35 5 .0 .0 .0 .6 4.09 .0 .0 .0 .0 358 6 .0 .0 .0 .7 2.0 .1 .0 .0 .0 184 7-8 • • .7 1.2 .2 .0 .0 .0 .0 146 7-10 • • .3 .2 • .0 .0 .0 .0 35 7-13 .0 .1 • .1 .0 .0 .0 .0 .0 .0 12 7-16 • • .0 .0 .0 .0 .0 .0 .0 .0 12 7-16 • • .0 .0 .0 .0 .0 .0 .0 .0 12 7-17 4 2 26 2 20 2 40	4 .0 • .7 7.0 2.0 • .0 .0 • .55 •

TABLE 18 IND DIRECTION VERSUS SEA HEIGHTS (FT) 22-33 .0 .0 .0 .0 .0 .0 .0 .0 .0 HGT <1 1-2 3-4 5-6 7 8-7 10-11 12 13-16 17-19 20-22 23-25 24-32 33-40 61-68 47-40 61-70 71-86 47-70 71-86 700000000000000000000000 39-97 22-33 34-97 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 H6T C1 1-2 3-4 5-6 7 8-9 10-11 12 13-16 17-19 20-22 23-25 26-32 33-40 41-48 4-60 6,-70 71-66 1-3 1-3 

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4-10 1-1 3-7 1-1 -0 -0 -0	1.1 3.7 1.1 .0 .0	\$	PC	1 FPEG 0	•8• •0 •0		TABLE 16 (CCMT) (KTS) AND DIRECT 1-3 1-0	116H V	11-21	E4 HEIGI Sw 22-33	•	7.0		
1.1 3.7 1.1 .0 .0 .0	1.1 3.7 1.1 .0 .0	11-21 .0 .2 .1 .3 .1	22-33 .0 .0 .0	34-47	•8• •0 •0	PC1	1-3	<b>1</b> 0		Su				
1.1 3.7 1.1 .0 .0 .0	1.1 3.7 1.1 .0 .0	11-21 .0 .2 .1 .3 .1	22-33 .0 .0 .0 .0	.0	.0	1.7			11-21		**-**			
1.1 3.7 1.1 .0 .0 .0	1.1 3.7 1.1 .0 .0	.0 .1 .3 .1 .0	.0	.0	.0	1.7			11-21					
3.7 1.1 .0 .0 .0 .0	3.7 1.1 .0 .0	.2 .1 .3 .1	.0	.c 9.	.0							***	PC1	
1.1 .0 .0 .0	.0	.1 .3 .1 .0	.0 .0 .0	0.	.0			3.0	1.0	.0	.¢	٥.	4.9	
.0	.0	.3 .1 .0	.0 .0	.0			-5	7.		.c	•0	.0	•.0	
.0	.0	.0	.0		•0	1.3	.2	2.7	1.7	.0	•0	3:	`.ĭ	
.0	.0	.0	-1		.0	• •	.0	.0			.0	3:	::	
.0	.0 .0	.0		.0		.1	.0		.5		.0			
.0 .0	.0			.0			.0	.0	.0	::	.5		:0	
.0 .0	-0				::	.0	.0					ā.	.0	
.0		٠.		.c	:0		.0		.5	:6	.5	::	ě	
.0		.5	.0	.ŏ	::			.0			.5		.0	
			.0	.0										
		.5				.0	2.		.c				.5	
				.0			.5				.0	.0	.5	
	.0	.0	.0	.0	.0	.0	.0		.0	.0	٠.	.0	.0	
	.0	.0	.0	.0	.0	.0	•0	.5	.0	.0	.0	.0	.0	
	.0	.0	•0	.0	.0	.0	.0	.3	.0	.8	.0	•0	.0	
.0	-0	.0	.0	•0	.0	.0	.0	.0	.9	• D	.0	-0	.0	
.0	-0	.c	.0	.0	.0	.:	.0	•0	.0	.0		٠.	•:	
	-0	.0	.0	.0	.0	.0	•0	-5	.0	.0	•0	٠.	. 3	
•.0	••0	. 7	-1	.0	.5	7.4	1.7	13.3	2.9	.0	-0	.6	17.8	
			<b>u</b>							Nb				TOTAL
4-10	4-10		22-33	34-47	44+	#C1	1-3	4-10	11-21	22-33	34-47	44.	PCT	PCT
	5.0			•0	.0	6.9		1.5	•1	.0	.0	.0	2.5	
15.6	15.6	2.7	.0	.0	.0	17.6		3.5	.+	.0	.0	.0	9.0	
5.8	5.8	Z.4	.0	.0	.0	8.5	•	2.0	1.3	-0	.0	٠,c	3.3	
		1.0	.0	.0	.0	1.6	.0	• 2	•?	•0	٥.	٠.	. 4	
	• 1	-1	•0	.0	•0	- 1	.0	.6	•	٠.	-0	٠.	•	
	.0	-1	.0	.c	.0	- 1	.0	-3	.0	.0	•0	٠.	-0	
	.0	.0	•0	•0	.0	.0	•9	.5	•0	.0	.0	ئ.	.0	
	-0	.0	٠.	•0	•0	.9	٥.	.0	•0	.0	•0	٠.	.0	
	••	-0	.0	.0	.0	.0	.9	.0	.0	.0	٠.	.0	- 2	
	.0	-0	•0	.0	نا.	.0	.0	•0	•0	.0	٠.	٦.	.0	
	•0	•C	.0	.c	•0	.0	•0	•0	-0	٠.	-0	٠.		
• 6														
.0														
.0												3.	15.2	+3.4
	;	.00	0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -		-0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	## ## ## ## ## ## ## ## ## ## ## ## ##	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .	.0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .

	¥1≒0	SPEED	(#15)	WS SEA	HEIGHT	(FT)		
HST	0-3	4-10	11-21	22-33	34-47	46+	PCT	TOT
<1	12.7	12.6		.0	.0		25.8	
1-2	4.5	39.5	5.4	.0	.6	.0	49.4	
3-4		13.4	5.8		.0	.0	20.0	
5-6	•1	1.4	2.4				4.1	
7	.0	•2			.5	-0	.5	
4-9	•0	.1	.1		.5	-0	•\$	
10-11	.0	.0	.0	.0	.0	.0	-0	
12	.0	•0	-0		.0	.0	-0	
13-14	.0	-0	.0		.0	.0	.0	
17-19	.0	.0			.6	.0	-0	
20-22	٠.	-0	-0	-0	.0	.0	.0	
23-25	.0	.0	-0	.0	.3	.0	-0	
26-32	.0	.0	-C	-6	٦.	.0	.0	
33-40	.0	.0	.0	.0	.0	-0	-0	
41-48		.0	.0	.0	.0	-0	.:	
49-60	.0	•0	-0	.0	.0	- 0	.0	
61-70	.0	.0	.0	.c	.0	.0	-0	
71-86	٠.	.0	.0	.0	.0	.0	.0	
87*	.0	-0	.0	.0	.0	.0	.0	
								1958
TOT PCT	14.1	67.2	14.7	-1	.0	.0	100.0	

PERIC	D: 101	CR-ALL	3 179	9-1970					TABLE	19											
					PEPCEN	FRE	-	F WAT	FE HE10	SHT CF	11 VS	WAYL P	ERICO	ISECON	120						
PER100 (SEC)	<t< th=""><th>1-2</th><th>3-4</th><th>5-6</th><th>7</th><th>8-9</th><th>10-11</th><th>12</th><th>13-16</th><th>17-19</th><th>26-22</th><th>23-25</th><th>26-32</th><th>33-40</th><th>*1-**</th><th>49-40</th><th>61-70</th><th>71-86</th><th>67.</th><th>TOTAL</th><th>MEAN</th></t<>	1-2	3-4	5-6	7	8-9	10-11	12	13-16	17-19	26-22	23-25	26-32	33-40	*1-**	49-40	61-70	71-86	67.	TOTAL	MEAN
₹6	4.2	25.1	18.2	4.9	1.0	.2			-1		-0						0	-0	.0	2949	2
6-7	.;	3.1	8.2	4.1	1.1		-1		٠.	.0								.0	-0	872	•
1-1		,	2.7	2.0	.,			٠.										-0	-0	335	•
10-11		1-0	1.0		.;	•		•											.0	152	•
12-13	-0		•:;																.0	62	5
313								.3	.0										.0	3*	
19051	4.0	2.1	2.8	.,		•1													٠.	705	1
TOTAL	892	1642	1711	457	102	92				٠,										5107	3
251			11.1	12.9	3.4			1										.0	.0	100.0	

ARRUAL

PERIOD: (PRIMARY) 1949-1979 (OVER-ALL) 1857-1979

TABLE 1

AREA GOIL PUNTA BURIC 7.6N 83.0W

A CANADA MANAGAMANA MANAGAMANA MANAGAMANA MANAGAMANA MANAGAMANA MANAGAMANA MANAGAMANA MANAGAMANA MANAGAMANA MA

PERCENT FREQUENCY	OF	#CATHER	OCCURREACE	34	WIND	DIRECTIO	) N

											•				
			,	RECIPI	TATIO	K TYPE					OTHER	METHER	PHEND	HENA	
END DIP	RAIN	PAIN SHAR	OR?L	FRZG PCPH	SNOR	OTHER FRIM PCPM	MAIL	PCPN AT OB TIME	PCPN PAST Hour	IHCR LING	FOG NO PCPN	FOG MC PCPN PAST HE	SHORE	SPPAY BLUG SHOW	
h.	6.4	3.5	2.0	.0	.0	.0	.0	11.0	4.1	3.0	.5	.0		•	78.4
ME	6.4	3.4	2.7	.0	.0	.0	.0	12.0	4.4	3.1		.0	.,	• 1	79.5
£	5.9	2.6	1.9	.3	٠.	.0	-0	10.3	4.3	3.2	. 3	.0	1.1	•	41.0
5 E	5.3	2.9	1.4	.0	.0	.0	.0	5.9	5.4	3.1	.2	•		• 1	81.1
Š	5.7	3.6	2.1	.0	.0	.0	•	11-1	6.4	2.4	. 2	٠.	1.1	+1	78.6
Sk	6.1	3.4	2.1		.0	.0	•	11.0	6.0	3.1	.2	.c	.7	•1	78.4
	5.3	3.4	1.5	.3	.0	.0		10.0	5.1	3.0	. 3	•	.7	- 1	\$1.Z
2.6	5.7	3.2	1.6	.0	.0	.0	•	10.3	5.3	3.5	. 2	•	.5	•1	40.0
VAP	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0	.0	.0
CALM	2.5	1.7	. 9	.0	.0	.0	•	5.1	3.9	3.4	•2	•	1.1	•	44.5
101 PC1	5.4	3.3	1.8	.0	.0		•	10.4	5.4	3.0	.3	•		-1	40.4

#### TABLE 2

#### PERCENT FREQUENCY OF WELTHER DECURRENCE BY HOUR

			•	RECIPI	TATIO	TTPE					OTHER	RETHER	PHEND	4Cm4	
HOUR (GHT)	RAIN	PAIN SHUR	ORZL	FRZG PCPN	SHOW	OTHER FRZN PCP4	HAIL	PCPN AT OB TIME	PCPN PAST HOUR	THOR LING	FOG NO PCPN	FOG WO PCPM PAST H®	SHO4E HAZE	SPRAY BLWG DUST BLWG SNOW	
00E03 06E09 12E15 18E21	4.5 5.3 4.7 5.4	2.8 3.1 4.4 3.1	1.6 2.1 2.0 1.6	.0 .0	.0	.0 .0	:	8.7 10.3 12.9 9.9	4.2 5.2 7.1 5.0	2.5 7.9 2.7 .5	.3	:	.4	•1	83.7 75.8 76.8 83.4
101 PC1 101 Ob5:	5.5 48882	3.3	1.8	.0	-0	.0	•	10.4	5.4	3.1	.3	•		•1	40.Z

#### TABLE 3

#### PERCENTAGE FREQUENCY OF WIND DIRECTION BY SPEED AND BY HOUR

				D (KW)										(6m1)			
MMD DIG	0-3	4-13	11-21	55-33	34-47	***	TOTAL	FREG	SPD	00	93	26	9	12	15	18	71
*	1.1	3.1			•	.0		5.0	4.8	2.2	3.0	4.4	4.7	7.4	4.7	5.6	4.5
n£		3.3	1.1	-1	•	.0		5.1	7.3	2.2	2.1	4.3	4.1	7.4	5.6	4.2	4.6
E	1.0	3.2	.5	•	•	.0		4.7		2.9	3.7	4.4	3.2	5.4	5.*	6.0	4.0
SE	1.2	3.6	.5	•	•	.0		5.5	5	5.0	5.5	5.8	5.3	4.6	5-1	4.5	
\$	7.0	7.9	1.5	•	•	.0		11.3		13.9	13.4	11.4	10.8	4.0	11-1	11.4	14.5
Sw	2.5	14.7	4.8	.1	•	.0		22.4	7.7	29.3	24.0	20.3	23.1	18.5	21.4	20.9	26.3
	3.1	19.1	5.7	- 1	•	.0		28.1	7.8	33.0	31.3	28.0	28.8	24.5	25.5	25.7	24.9
N.W	1.3	4.5	1.4	•	•	.0		7.2	7.5	4.2		9.2		12.2	13-1	9.2	8.3
ATE	-0	.0		.0	.0	.0		.0	.0	-0	.0	-0	.0	.0	.0	.0	-0
CALF	4.4							8.4	-0	5.5	4.1	12.3	10.0	7.1	7.5	5	5.8
TOT GeS							97455		7.0	22301	1562	16362	2742	72049	2272	27003	3164
tot PCT	21.5	61.8	16.3		•	-0		100-0		100.0	100.0	100-0	100.0	10C.D	100.0	100.0	100.0

TABLE JA

					_							
end Din	C-6			(KNOTS) 20-00	41-	TOTAL	*C1 F#EG	PEAN SPD	63 63	60 64 69	12 13	18 18
*	2.7	2.1	•5	•	.0		5.0	4.8	2.3		7.5	3.5
NE.	2.4	2.4	. 3	•	.0		5.1	7.3	2.2	4.2	7.7	6.1
C	2.8	1.6	-1	•			4.7	6.6	2.9	4.3	5.4	5.8
št	3.4	2.0	-1	•	.t		5.5	4.5	5.1	5.7	4.4	4.5
š	2	4.9	. 3	•	-š		11.3	4.1	13.7	11.4	4.3	11.7
ŠW	1.5	12.1		•	•		22.4	7.7	28.7	20.7	10.0	21.5
•	12-0	15.1	1.0	•	•		28.1	7.8	32.*	28.1	26.4	25.4
NE	4.7	4.4	• • •	•	-0		4.2	7.5	6.9	*.2	12.3	9.1
YAR	.0	.0	-0	- 3	-0		-0	•0	.0	٠.	-0	.0
TALM	4.6						1.4	-0	5.7	12.0	4.0	8.2
TOT OFS						49455		7.0	23453	21164	24321	30167
101 BCY	43.3				_		100 0		100.0	100 0	100.0	100.0

P46E 448

ANNUAL

PERIOD: (PPIMARY: 1949-1979 104ER-4LL) 1857-1979

TABLE 4

APEA CUIL PULTA BURICA 7.6% 63.0%

PERCENTAGE FRECUENCY OF MIND SPEED BY HOUR (GHT)

				#1NJ	5+EED (	#NOTS ?			PCT	TOTAL
MOUR	CALM	1-3	4-10	11-21	55-33	34-47	***	resu	FREQ	085
00103	5.7	11.4		17.4		•	•0	7.4	150.6	23863
06664	12.0	11.6	60.1	15.7		•			103.0	
12615	9.0	12.9	63.7	17.0		•			100.0	24321
14621	4.2	14.6	61.4	15.4	. •	•	.c		100.0	30167
PCT	8.6	12.9	61.8	14.1			-0	7.0	100.0	44422

TABLE 5

TAPLE &

•	C1 FEE			CLOUD A	HOUNT		1	PEPELA	TAGE F	********	CT OF	CEILIN NH (5/	5 HE 15	HIS IN	1.MH	>=/8) Ch		
MED DIR	C-2	3-4	5-7	6 E 085CD	TOTAL	COACB COOD COACB	030 147	150 299	300	6.E	1000	2000	3560	500C		eccs.	NH (5/8 1hy HG1	
×	1.7	1.0	1-3			5.0	•	•	.1	.3	.4	.2	-1		_		3.6	
M٤	2.1	1.0	1.2	. 6		4.9	•			.2					- 1		4.3	
E	1.3	.•	1.5			5.1					.5							
32		1.0	2.3			5.4			.,		.;	:;	::			:		
5	1.2	1.6	4.9			5.1	-1	• • •			1.4	.;	::	-1	•	:	3	
Šb	1.0	2.8	9.7			5.7		.;	1.0	3.5		1.3	.5			-	6-1	
ě.	3.7	4.7	12.1			5.4		.;	1.0	3.7	9.5	1.6		-1	-1	- 1		
**	1.7	1.7	3.5			5.3	::						- •	• •	• 1	-1	14.3	
VAP		.0.						•1	• 2	1.0	1.2	- 5	• 2	. 1	•	•	5.9	
			2			•3	٠.	.0	٠.	-0	.0	-0	.9	• • •	-0	.0	.3	
CALM	2.4	2.0	3.0	1.3		4.7	-1	•	-1	• •	. ŧ	. 3	-1	•	•	•	4.5	
TO1 085					41309	5.4												49209
TOT PCT	14.8	17.0	39.5	26.7	100.0		1.1	.7	3.3	11.9	14.3	5.3	₹.c	. (	- 3	. 3	60.4	100.0

TABLE 7

CUMULATIVE PCT FRED	OF SIPULTANEOUS	OCCURPENCE
OF CEILING HEIGHT	15H 34/81 485 W	BY (8")

R = 0#
30
1 1.1

TOTAL NUMBER OF DEST 71260

PCT FREQ NH <5/P; 40.

788LE 7a

# PERCENTAGE FRED OF LOW CLOUDS REIGHTHS!

0 1 2 3 4 5 6 7 e OBSCO 065 4-9 10-8 15-0 14-7 12-8 8-8 9-5 7-7 13-2 -6 75-76 ANNUIL

PERIOD: (PRIMARY)							1,	tic e				101	A CC11	PUNTA BUATCA 7.6% 83.0W
		*	EPCENT					WS CCC				E4 COBBENE	10 J	
4554		*	AE	£	SE	5	3 H		n.u	*4=	CALP	PCT	101 <i>1</i> L	
(54)													0 £ 2	
	PCP	•	•	•	•	•	•	•	•	.0	•	. 1		
<1/2	40 PEP	•	•	•	•	•	•	•	•		•	-1		
	101 %	•	•	•	•	•	- 1	-1	•	.0	•	• 2		
	PCP										_	-1		
1/26	1 60 FCF			•					•	.c		ä		
•••	151 1	•	•		:	:	.1	.1	•					
	PCP	•	•	•	•	•:	.1	-1	•	3. 2.	•			
1<2	NO PEP	•	•	•	•	•	•	•	•	٠.	•	-2		
	101 2	•	•	•	•	-1	.?	-2	•	.c	•	.6		
	PEP	- 1	•	-1	-1	-2	.5		-1	.0		1-5		
2<5	80 PEP	•			•	-1		.3	-1	.0		.,		
	101 %	.1	- 1	-1	-1	.3	.7	.7	.2	.0	-1			
		_		_	_	_	_			_				
	PCP	- 1	-1	- 1	-5			1.3	••	.0	-1			
5<10		•	•	•	•	1-2				-3		**0		
	101 1	-5	-5	.5	-+	1.7	3.7	3.7	1-1	.c	- 4	13-5		
	PSP	.1	- 3	-1	-2	.5	1.2	1.2	-3	.2	.2	3.9		
10-	NO PEP	4.7	4.4	4.3	4.4	2.4	14.4	22.4	7.4	.c	7.3	79.5		
	TOT 1	4.5	4.5	4.1	4.6	4.I	17.7	23.4	8.5	.0	7.5			
	101 045												45-17	
		4.4	5.1	4.7	5.5	11.3	22.5	28.6	9.4	-2	4.2	100.0		

and of the state of the contract of the second seco

. . . . .

				,	STR 1	APTINE	TALUE	s of w	151011	17+			
<b>7587</b>	500	×	*1	€	3.6	5	14		**	740	CALM	957	TOTAL
19-1	ATS												Cai
	0-3	•	•	•	•	•	•	•	.0	-5	•	•	
<1/2	4-13	•	•	•	•	•	•	•	•	-0		- 1	
	11-21	•	•	•	•	•	•	•	•	-5		-1	
	22.	-0	•	-0	•	•	•	•	-0	-0		•	
	TCT 1	•	•	•	•	•	-1	-1	•	₩.	•	- 3	
	5-3	•	•	•	•	•	•	•	•	٠.	•	•	
1/2<1	4-10	•	•	•	•	•	•	•	•	-0		-1	
	11-21	-¢	•	•	•	•	•	•	•	-0		-1	
	22+	•	.0	٠.	•	•	•	•	-3	-0		•	
	101 \$	•	•	•	•	•	-1	-1	•	-0	•	-2	
	2-5	•	•	•	•	•	•	•	•	.0	•	-1	
1<2	-10	•	•	•		-1	-1	-1	•	•=			
	11-21	•	•	•	•	•	-1	-1	•	-0		-2	
	22-	•	•	- 5	•	•	•	•	-0	-5		•	
	131 2	•	•	•	•	-1	-2	-2	-1	-5	•	-7	
	5-3	•	•	•	•	•	•	•	•		-1	- 3	
245	4-15	-1	-1	-1	-1	-2		•	-1	-5		1.5	
	11-21	•	•	•	•	-1	-3	.3	-1	-0	-		
	22+	•	•	•	.5	•	•	•	•	-0		•	
	101 2	-1	- 1	-1	•1	-•	-8	-8	-2	-8	-1	2.7	
	2-3	-1	-1	-1	-1	.2	-2	-3	-1	-6	.7	1.0	
5(17	4-10	-3	-3	-3	- 5	1.1	2.1	2.1	.7	-8		7.4	
	11-21	-1	-1	-:	-1		1.1	1.2	- 3	.5		3.6	
	22.	•	•	•	•	•	•	-1	•	-0		-1	
	TOT &	-5	•\$	-3		1.7	3.7	3.7	1.1	.0	.7	13-5	
	2-3	1-0	٠,		1.5	1.7	2.2	2.7	1-1	•0	7.7	10.9	
13.	4-10	2.7	2.8	2.7	3.2	4.4	12-2	14.0	5.7	.0		JZ-1	
	11-71	-6	.,	•\$		1.0	3-1	4.2	1-1	-0		11.*	
	22.	•	•	•	•	•	•	-1	•	- 6.		-2	
	101 2	4.3	•.5	•.3	*	1.1	17.6	23.4	7.4	-0	7.7	43.5	
	101 095												***7
							** *	** *		_			

PERIOD: (PRIMARY) 1945-1979

TABLE 10

AREA COIL PUNTA BUGIC 7.6N 83.0W

 eneautres .		WESPERS !	 14401	4 1.0
 FREQUENCY_	O: CETETAGE	uffnuis :	 /4/6/	~~~

HOUR (GAT)	000 149								6500 7999		TOTAL	NH /8<br ANY HGT	
00603	. 6	.5	3.0	11.0	13.6	5.1	2.0	.6	. 3	.3	37.4	62.6	19012
04609	1.4	.5	3.0	12.1	14.5	5.1	1.7	.4	.3	.4	39.4	47.6	143*4
12615	1.2	.,	3.9	12.5	14.0	-5.0	1.9	.5	.2	•2	40.4	59.6	18895
18621	.,		2.4	10.7	13.6	5.3	2.0	.6	.3	.3	37.3	62.7	21402
101			1.5	11.6	11.0		1.0	. 4		. •	14.5	41.5	73703

TABLE 11

TABLE 12

		PERCENT	FREQUEN	CY <b>VSB</b> Y	(KM)	BY HOUR	-	,	CUMULAT					3.87 HOUR	AND/OR
HOUR (GMT)	(1/2	1/2(1	1<2	2<5	5(10	10+	TOTAL OBS	•	HOUR (GMT)	<150 <501D	<\$00	<1000 <5	1000• 44,05•	RH <5/8 AND 5+	TOTAL OBS
00603	•2	•2	.6	2.1	11.6	85.4	22486		00803	.9	4.6	16.5	22.0	61.5	18425
<b>*0340</b>	. 3	-1	••	2.6	14.8	4175	19720		06609	1.5	5.1	16.8	22.3	58.9	13825
- 12615	. 3	.3	.+	3.2	-13.9	81.3	23081		12615	1.2	4.2	20.1	21.6	58.3	18293
18621	.3	.3		2.9	12-1	83.4	27854		18621	.,	4.7	16.6	21.9	61.5	20737
TOT	.3	.2	.7	2.7	13.0	85.0	93141		101	1.1	5.1	17.9	21.9	60.2	71280 100-0

TABLE 13

TÄBLE 14

	PERC	ENT-FR	EQUERC	Y OF 8	ELATIV	E HUMIC	olty 6	T-TEMP				PERC	ENT FR	EQUENC	T OF 1	IND-ĎI	RECTIO	N 81 T	EHP	
TEMP F	0-29	30-39	40-49	50-59	40-49	70-79	80-89	90-100	TOTAL	PC1 FREQ	N	NE	ε	SE	s	Sh	w	Nu	VAR	CALM
95/99	.0					•	.0	.0				•	•			•	÷	•	.0	•
90/94	•0			.1	5	• 7	• 1			. 9	-1	. 1	•1	.1	•1	.1	•2	-1	.0	- 1
85/87	.0	-0		. 3	2.5	4.9	1.3	.3		9.3	- 6			.7	.,	1.3	2.2	. 7	.0	1.1
40/89	.0			. 2		20.3	28.6	5.8		58.5	3.1	3.2	2.9	3.3	6.5	11.8	16.6	5.5	.0	5.7
75/79					.1	2.3	14.1	13.8		30.2	1.1	1.0	1.0	1.3	3.7	8.9	9.2	2.5	.0	1.7
70/75				• 0				.,,		1.0	• 1	.1	•	.1	+1	.3	.3	-1	.0	
65/69	.0										.0		•		•			.0	.0	.0
TOTAL									75337	100.0	-									
PCT	.0		1	.7	6.7	27.6	44.1	20.9			4.5	5.2	4.6	5.4	11.3	22.4	28.4	7.1	.0	8.6

TABLE 15

	TABLE 15													1.000	10			
	MEANS,	EXTREM	ES AND	PERCE	IT ILES	0F TE	4P (DE	6 <b>f</b> ) (	Y HOUR		PERC	ENT FRE	QUENCY	OF RELA	TIVE H	PITTOLK	87 HOU	R
HOUR (GHT)	MAX	992	951	208	52	12	HIN	HEAN	TOTAL 085	HOUR (GMT)	0-29	30-59	66-67	70-79	80-89	93-100	HEAM	TOTAL
00603	96	47	84	#1	77	75	44	40.7	24399	00003	•0	.4	5.0	29.2	47.2	18.3	8.3	19624
06509	93	45	83	40	77	75	66	80.0		40340	٠.0	•2	2.5	21.9	50.5	29.6	**	16270
12615	77	45	83	80	76	74	**	79.8		12615	•0	. • 2	3.4	21.1	4872	27.6	45	19867
18621	**	70	**	42	77	75	65	42.3	30903	18621	+0	1.9	13.7	36.1	33.4	14.6	79	22477
tot	77	88	86	51	77	74	65	80.9	102215	101	C	557	4990	21198	34868	16625	83	78238

ANNUAL

P(P100: (PRIMARY) 1949-1979 (OVER-ALL) 1857-1979

TABLE 17

AREA GO11 PUNTĂ BUPICA TOM 83.0W

7-1979						1.00							
PCT FREG	OF AIR T	EMPER	TURE IS AI	IDEG R-SEA	F) A TEMP	NG TH ERATU	E 0566	IRREM FERE	CE OF I	06 (WITH	OUT PE	ECIPITAT	104)
	AIR-SEA	45	69	73	77	#1	25	89	>92	:01	*	MC.	
	IPP DIF	68	72	16	80	84	88	92			FOG	FOG	
	20/22	٠.	.0	.0	.0	.0		.0	.0	1	.0	•	
	17/19	.0	.0	.0	•0	•	•	•	.0	7	.0	•	
	19/16	•c	.5	.0	•	•		•	•	34	.0	•	
	11/13	.0	.0	•0	•	. 1	.1	- 1	•	162	•	.2	
	9/10	.0	.0	.0		- 1	-1	.1	•	289	•	. •	
	7/8	.0			.1	• 2	. 3	. 3	•	711	•	. 7	
		ě				.2	. 4	.2	•	632	•	. 6	
	ž	•0				.4	. 1	.2	•	1110	•	1.4	
		.0	.0		.2		1.0	.2	•	1793		2 • 2	
	•			•	.2	. 9	1.1	.1		1858	•	2.3	
					. 5	2.9	1.5	- 1	-0	3940	•	4.9	
	•					3.6	1.2		.0	4500	•	5.6	
				.1	3.0	7.7	1.2		.c	9600	.1	12.2	
	-1	- :		::	4.3	7.6	7.7		.0	10204	•1	12.6	
	-2	I		.;	7.7	4.5			•0	13639	•	16.5	
	-3	.0		- : :	7.0	5 . C	. 2		.0	10213		12.6	
					6.6	3.3			.0	8742	•	10.4	
					4.6	1.7	• • • • • • • • • • • • • • • • • • • •	.0	.5	5886		7.2	
		.0	:	. 9	2.4		- :	.5	:0	3136		3.6	
	-6	.0	•	1.3	1.4			.0	ä	2869		3.5	

PERIOD: (0VER-ALL) 1963-1979

				PC	I FREQ D	FHIND	SPEED (	(TS) AND DIREC	CIION V	EASUS S	EA HEIG	uts (Ft)		
				N							ME			PCT
HGT	1-3	4-10	11-21	22-33	34-47	46+	PCT	1-3	4-13	11-21	22-33	34-47	48.	1.1
-<1	.5	7		•C	•0	•0	-1.3.	•3	• •	•	•	•0	•0	
1-2	.3	1.5	•2	.0	•0	.0	2.0	•2	1.5	.3	.0	٠.٥	.0	2.4
3-4	•	- 6	.3	-•	.5	.0	.9	•		• •	•	•0	3.	
5-6	•	• 1	- 1	•	•0	.0	•2	•	- 1	.3	•	.0	.0	:
7	.0	•	•-	•0	•0	•0	•	•0	•	- 1	•	•0	•0	• • •
4-9	.c	.0	•	•	.0	.0	•	•0	.0	•	•	•0	.0	:
10-11	.0	•0	•	.0	•0	•0	•	•0	.0	:	.0	-0	:0	•0
12	.0	-0	•	.0	.0	.0	•	•0	.0	.0	•0	.0	.0	••
13-16	.0	•€	•0	•	•0	•0	•	2.	-0	•0	.0	.0		.č
17-19	.0	-0	•0	•G	•0	.0	.0	•0	•0	-0		.0	:0	
20-22	•0	*0	-0	-0	•0	•0	•0	•0	•0	-0	•0	:0	:6	
23-25	.0	-0	.0	•0	•0	.8	•0	•0	•0	.0	.0	.0		:0
24-32	.0	•0	•0	•0	•0	•9	10	•0	.0	.0		.0		.0
33-40	.0	+0	.0	.0	.0	+0	•0	.0	•0	.0		.0	.c	:0
41-28	•0	.0	•0	•0	•0	•0	•0	•0	٥.	•0	.0		::	.0
49-6D	.0	.0	.0	•0	.0	•0	.0	•0	•5	-0	.0	•0	.0	.0
61-70	.0	.0	.0	.0	•0	•0	•0	•0	•0	•0	٠.	.0	.č	.0
71-86	.0	.0	.0	•0	•0	.0	.0	•0	٠.	0	• 5	.0	:0	
87.	•0	-0	•0	0	.0	.0	•0	•0	9	1.3	.0	•0		5.2
TOT PCT	.9	2.8	.8	•	.0	+0	4.5	.6	3.2	1.3	*1	•0	••	3+2
				c							SE			
HET	1-3	4-10	11-21	22-33	39-47	48+	PCT	1-3	4-10	11-21	22-33	34-47	46+	PCT
(1	1-3	7-10	11-21		.0	1.0	1.2	٠.۶			.0	•0	.0	1.4
1-2	:3	157	•2	::			2.2	.3	2.0	.3	.0	.0	.0	2.6
3-4	• • •	1.5	.;		.0		-::			•2	•	.0	.0	
5-6	:	- :1		.0			• 2	•		•1	•	.0	.0	.2
370	.0	•	•					•0		•	•	.0	٠.	•
4-9	:0		.0		•0	.0	•	•0	•	•	.0	•0	.0	•
10-11	.0	.ō	.0	•			•	•0	.0		.0	.c	•0	•
12	.0	:5	.0		.0		•	.õ.	.0	.0	.0	•0	.0	•0
13-16		:0		.0	.0-		•0	.0	÷0	0	.0	.,	.0	•9
17-19	.0	:0	.0	.0	.0	.0	.0	•0	-0	.0	.0	.0	-0	•0
20-22		.0	.0					.0	.0	.0	.0	.0	•0	.0
23-25	:0	:0	.0					.0	.0	.0	.0	.0	.0	•0
24-32	::	3.	.0					.0	.0	.0	.0	.0	.0	-0
33-40		0	.0		.0			.0	.5	.0	.0	.0	• B	.0
41-46	.0		•0				.0	.0		.0	.0	.0	.0	.0
41-48	.0	-0	•0		::					.0	.0	-0	.0	.0
61-70	.0	•0	.0				.ŏ	.0	•0	.0	.0	.0	.0	-3
71-86		::				.0	ä	ž		.0	.0	.0	.0	.0
47.	:0	:0					.0	·ŏ	.0	•0	.0	.0	.0	•0
***	• • •		•••		• • • • • • • • • • • • • • • • • • • •				1.4		•	.0	.0	5.1

PERSON   LOVER-ALL    1963-1979   TABLE 18 (CONT)   TABLE 18 (CO	. =.									ANNUAL							
MGT 1-3 =-10 11-21 22-33 34-97 48+ PCT 1-3 4-10 11-21 22-33 34-97 48+ PCT (1 +8 1.8 -1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0	PERIOD	1 1045	T-ALL I	1963-1	979				TABLE	18 (CONT)				AREA			
HGT					PC	T FREQ .	OF WIND	SPEED	(KTS)	AND DIREC	TION 1	ERSUS S	EA HEIG	HTS (FT	,		
HGT													٠.				
\$\begin{array}{cccccccccccccccccccccccccccccccccccc	HĠT	1-3	9-10	11-21	22-33	34-47	41.	PCT		1-5	4-10	11-21	22-33	34-47	484	PCT	
1						.0	.0			1.1					.0	4.0	
5-6	1-2		4.2		.0	.0	.0	5.3		. 7	8.5	1.4	-0	.0	.0	10.6	
7	3-4	-1	1.6	.6	•	.0	.0	2.4		. 1	3.3	2.3	•	.0		5.7	
10-11   -0	5-6		. 4	. 4	•	•	.0					1.4	•	•		2.2	
10-11			+1	+1	•	.0	.0	.2			. 1	• 3	•	•0			
13-16																	
13-16																	
17-19																	
20-22																	
23-55																	
24-12																	
33-00																	
#3-6																	
##-60																	
41-70																	
71-86																	
TOT PCT 1.6 8.1 1.6 .1 0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .																	
TOT PCT 1.6 8.1 1.6 .1 8 .0 11.3 1.9 15.6 5.5 .1 8 .0 23.1  HGT 1-3 8-10 11-21 22-33 38-87 48 PCT 1-3 8-10 11-21 22-33 38-87 88 PCT PCT 1-2 1.0 11.2 1.2 22-33 38-87 88 PCT PCT 1-2 1.0 11.2 1.0 11.1 1.4 1.0 1.0 1.0 11.2 1.0 1.0 1.9 1.9 1.9 1.9 1.9 1.9 1.0 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9 1.9																	
Heft 1-3 4-10 11-21 22-33 34-97 48 PCT 1-3 4-10 11-21 22-33 34-47 48 PCT 1-1 11-21 22-33 34-47 48 PCT 1-2 11-2 11-2 12-33 34-47 48 PCT 1-2 11-2 11-2 11-2 12-33 34-47 48 PCT 11-2 11-2 11-2 11-2 11-2 11-2 11-2 11-																	
Heft 1-3 4-10 11-21 22-33 34-97 48 PCT 1-3 4-10 11-21 22-33 34-47 48 PCT 1-1 11-21 22-33 34-47 48 PCT 1-2 11-2 11-2 12-33 34-47 48 PCT 1-2 11-2 11-2 11-2 12-33 34-47 48 PCT 11-2 11-2 11-2 11-2 11-2 11-2 11-2 11-					U								b -				70141
C1 1.2 3.4	MGT	1-5	4-10	11-21		10-07	41+	PCT		1-1	4-10	11-21		14-47		PCI	
1-2 1.0 11.1 1.4 0 0 0 10 13.9																	
5-6																	
5-6	3-4	-1	4.3	2.8	•	•0	.0	7.3			1.3	.6	•	•0	•0	1.*	
S-T	5-4			1.4	**	•	٠٥	2.2		•	•2	. 3	•	.0	٠.٥		
13-11			-1		•	+0		.5			•	•			•0	-1	
13-11	8-7		. •	-1	•	•0	.0	.1			•	•	.0	-0	٦.	•	
13-16																	
17-19																	
20-22																	
23=25																	
26-32																	
33=0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0 .0																	
43-66         .0																	
49-60         .0																	
61-70																	
71-86 -0 -0 +0 +0 +0 +0 +0 +0 +0 +0 +0 +0 +0 +0 +0																	
0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0																	
																	91.9

	ATUD	SPEED	(KTS)	VS SEA	HEIGHT	(F1)		
HGT	0-3	4-10	11-21	22-33	34-47	45+	PCT	TOT
<1	14.5	12.9		•	.0	.0	27.8	
1-2	4.4	34.0	5.1	.0			43.4	
3-4		12.3	7.5				20.5	
5-6	.1	2.3	3.9			.0	6.5	
7		.3	.,				1.3	
4-7	.0	-1	.1	•		.0	3	
10-11		.0			.0		.1	
12		-0			.0			
13-16		.0			.0			
17-19	.0	.0	.0	•0			.0	
20-22		.0	.0			.0		
23-25		.0	.0					
24-32		:6	.ŏ					
33-90		.0	.0					
41-48		•0						
49-60	:0					.0		
61-70	.5							
71-86	:0							
17.							:0	
	•0	•0	••	•0	•0	•0	••	****
101 PCT	19.6	42.0	18.0	.5	•	.0	100.0	22541

PE#10	D: (0¥	ER-ALL	1 174	9-1979					TABLE :	17											
					PERČENI	FRE	QUENĈY (	F 441	E HÉĪG	HT LF	t) vs	MAVE P	RIOD	ISECCH	051						
FRIOD (SEC)	<1	1-5	3-4	5-6	7	8-9	10-11	12	13-16	17-14	50-55	23-25	26-32	33-40	41-48	47-60	61-70	71-86	47•	TOTAL	MEAN
<6	8.0	20.8	16.5	5.5	1.5		•1	•	•	•	•	+0	٠.٥	.0	.0	.0	.0	.0	نا -	33019	3
6-7	٠ż	2.8	7.5	5.7	2.0	.5	- 2	-1	•	•	•	•	-0	.0	٠.	.0	- 0	.0	.0	12234	•
6-7 8-9	. 1	1.0	2.4	2.3	1.2	.4	.2	•	•	.0	•	-0	.0	-0	.0	.0	.0	•8	.0	4767	5
10-11 12-13		. 9	1.2		.4	.2	-1		•		•	•0	.0	.0	.0	-0	.0	.0	.0	2246	
12-13	•0	.0	.,	.5	.2	.1	•		•		.0		.0	.0	.0	•D	.0	-0	- 0	1064	5
>13	.0	•			•2	.1	•	•	•	-0		•	.0			•0	.0	.0	.0	481	i
INDET	*.*	1.*	2.1	. •	•2	•1	•	•	•	•	•	•0	•0	•0	.0	.0	•0	.0	.0	8708 62721	1 3
721	17.1	27.5	30.7	16.1	5.7	1.7	.7	٠Z	٠Ì	- 1	•	•	.0	-0	.0	.0	۰۰	.0	-0	100.0	•

PERIOD: (PRIMARY) 1949-1979 (OVER-ALL) 1857-1979	TABLE 2G	AREA OCII PUNTA BURICA 7-64 83.0W
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			PERCE	NT FRE	GUENCY	OF OC	CURREN	CE OF	SEA 18	HP IÖE	6 F1 b	Y HCM1	+	
SEA THP DEG F	JAN	FEE	MAR	APR	PAY	JUN	JUL	AUG	SEP	001	HCA	DEC	Anh	PC1
56+	•C	.3	.0	.0	•0	.0	.0	.0	.0	.0	.0	•0	c	.0
95/96	•	•	•	•	•	.0	.0	•0	•0	.0	.0	•0	•	•
93/94	• 1	•	- 1	.1	•	•	•	-0	•0	.0	.0	.0	23	•
91/92	- 1	-1		. 4	- 1	. 1	-1	. 1	• 1	•	.0	.0	105	-1
89/93	.5	1.1	1.5	1.7	1.2	.4	. 4	.4	• 2	-1	- 1	• 3	616	.7
97/85	2.2	5.0	7.9	9.9	5.7	2.4	1.6	1.4	1.3	1.0	.5	1.0	3131	3.3
85/86	13.2	19.6	27.	29.0	22.3	11.7	9.7	10.8	8.7	5.3	3.6	7.1	13204	14.0
83/#4	31.9	21.3	29.5	31.3	34.4	31.6	31.2	28.4	27.6	19.6	18.9	26.3	24636	28.5
61/82	35.2	27.8	19.9	15.0	28.1	39.7	41.7	42.8	40.7	39.9	40.4	43.7	32444	34.9
79/63	12.6	7.6	6.9	5.8	6.3	11.4	12.5	13.4	17.0	25.5	26.5	16.7	12936	13.7
77/78	2.9	3.1	3.4	2.1	. 5	1.6	1.9	1.8	3.2	4.5	7.7	3.9	3041	3.2
75/76	• 7	1.3	1.5	.9	• •	- 3	.5	. *	. 6	1.4	1.7	. ?	603	. 9
73/74	• 3		.7		-1	•2	• 2		•	. 3	.5	• 2	335	• •
71/72	• 1	• 3		•2	- 1	-1	•	•	•1	.1	• 1	•	109	-1
69/70	• 1	• 1	.2	- 1		•	•	•	•	• 2	•	-1	64	-1
67/68	•	• 1	• 1	- 1	•	•	•0	•	:	- 1	•	•	36	•
65/66	-0	•0	- 1	•	•0	•0	.0	•	•0	-0	•0	•c	7	•
63/64	٠.0	.0	•	-0	.0	.0	•0	•	•0	.0	•0	•0	2	•
61/67	.0	.0	• 3	.0	٠.0	.0	.0	٠.	.0	•0	•0	-0	0	•0
59/63	.0	•0	.5	.0	•0	•0	•0	.0	.0	-0	.0	•0	0	.0
57/58	•c	.0	-0	.0	•0	.0	.0	.0	.0	.0	•0	•0	0	٠0
55/56	• 0	•3	•0	٠.	٠.	• 9	•9	.0	-0	.0	.0	•0	0	٠.
53/54	.0	•0	•0	٠ç	.0	•0	.0	.c	•0	•0	.0	•0	Ü	٠.
51/52 49/50	•0	.0	•0	.0	•6	٠.	.0	٠.	•0	-0	•0	•0	0	.0
	•0	.0	•0	•0	-0	.0	•0	•0	•0	.0	•0	•0	0	
47/48	•0	•0	.0	.0	•0	-0	.0	•0	.0	.0	•0	.0	0	•0
45/46	•0	.0	•0	.0	•0	•0	•0	.0	.0	.0	.0	•0	0	•0
43/44	•0	.0	•0	.0	.0	•0	•0	.0	.0	.0	.0	•0	C	•0
41/42	•0		.0		.0	•0	•0	•0	.0	•0	.0	•0	ö	•0
39/40 37/38	•0		.0	.0	.0	-0	•0	.0	.0	.0	.0	•0	ö	.0
35/36			.0	.0	.0	.0	.0	.0	•0		.0	.0	ö	.0
33/34	.0	.0	.0	.0	.0	.0	:0	.0	•0	•0	.0	•0	ŭ	.0
31/32		.0	.0									.0		
29/30	.0	:0	.0	.0	.0	.0	.0	.0	.0	•0	.0	• • • • • • • • • • • • • • • • • • • •	ŭ	.c
27/28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	•0	8	
<2772 <b>8</b>	.0	.0	•0	.0	.0	.0	.0	.0	.0	.0	.0		0	
TOTAL	7201	6784	7961	7411	8323	7880	7887	4305	4593	2000	7680	7534		100.0
HEAN	\$2.4	82.9	63.4	83.8		42.5	62.3	42.2	82.0	51.3	81.1	81.7	82.4	10010
FLAN	• 2 . •	62.4	0344	-3.8	63.4	44.5	02.3	•2.2	•2.0	-113	•:•1	****	•2.•	

#### TABLE 21

## PRESSURE (MB)

				PERFOR	ST NUU	* 165	.,			
										TOTAL
MO.	0000	0300	2680	0400	1200	1500	1800	2100	MEAN	085
JAN	1009	1011	1010	1009	1010	1011	1911	1009	1010	7103
FEB	1009	1011	1010	1009	1010	1011	1011	1009	1010	7034
HAR	1209	1010	1010	1009	1018	1011	1011	1009	1010	7944
APR	1009	1010	1010	1009	1010	1611	1011	1009	1010	7960
MAY	1010	1010	1011	1007	1019	1011	1011	1039	1010	8404
JUN	1010	1010	1011	1010	1011	1011	1011	1010	1011	7620
JUL	1010	1011	1011	1009	1011	1011	1011	1010	1011	8065
AUG	1010	1011	1011	1010		1011	1311	1009	1011	8+09
SEP	1010	1011	1011	1010	1011	1012	1011	1010	1011	8597
OCT	1010	1011	1011	1009	1011	1011	1011	1009	1011	6185
NOV	1210	1011	1011	1009	1011	1011	1011	1009	1010	7497
DEC	1010	1011	1011	1009	1010	1011	1011	1009	1010	7722
ANY	1010	1011	1011	1009	1011	1011	1011	1009	1010	94490
	21926		17986		21735		26C83	2381		

#### PERCENTILES

ĦĐ	414	12	52	252	502	751	95%	***	MAX
JAN	997	1003	1006	1009	1010	1011	1013	1015	1023
FEB	377	1004	1006	1009	1010	1011	1014	1015	1023
PAR	997	1003	1004	1009	1010	1011	1013	1015	1022
APR	997	1004	1007	1009	1010	1011	1013	1015	1023
HAT	998	1004	1007	1009	1010	1012	1013	1015	1024
JUN	1001	1006	1008	1010	1011	1012	1014	1015	1022
JUL	778	1004	1008	1010	1011	1012	1019	1015	1021
AUG	798	1004	1008	1010	1011	1012	1014	1015	1021
SEP	997	1005	1008	1010	1011	1012	1013	1015	1024
OC T	1000	1005	1008	1010	1011	1312	1013	1015	1025
NOV	997	1005	1007	1009	1011	1012	1015	1015	1023
DEC	997	1004	1007	1009	1010	1015	1014	1016	1023

Approximate Central Location	115.7 W 112.1 W 110.2 W 107.4 W	103.2 W 99.1 W 95.0 W 91.4 W 87.0 W
Appro Central	26.6 N 22.6 N 26.0 N 22.8 N 20.0 N	16.9 N 7.41 N 7.3 N 8.9 N 8.3 N 7.5
Name	Central Baja West Southwest Baja Gulf Of California Mazatlan Puerto Vallarta	Manzanillo SE Acapulco South Gulf Of Tehuantepec Guatemala SW Coast Nicaragua SW Coast Punta Burica
Area	<b>−</b> 0040	9 × 8 × 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Volume	<del>-</del>	8